ORIGINAL

14

15

16

17

18

19

20

21

22

23

24

25

26

27



BEFORE THE ARIZONA CORPORATION RECEIVED 2 COMMISSIONERS **Arizona** Corporation Commission KRISTIN K. MAYES - CHAIRMAN 2010 JUL - 1 P 3: 43 DOCKETED 3 GARY PIERCE PAUL NEWMAN 4 AZ CORP COMMISSION JUL -1 2010 SANDRA D. KENNEDY DOCKET CONTROL **BOB STUMP** 5 DOCKETED BY 6 DOCKET NO. E-01461A-10-0226 SALT RIVER SOLAR & WIND, L.L.C. 7 8 Complainant, TRICO ELECTRIC **COOPERATIVE, INC. ANSWER** 9 TO FORMAL COMPLAINT v. 10 & TRICO ELECTRIC COOPERATIVE, INC. 11 **MOTION TO DISMISS** Respondent 12 13

Trico Electric Cooperative, Inc. ("Trico" or "Company"), through undersigned counsel, answers the complaint filed by Salt River Solar & Wind, Inc. ("Salt River Solar" or "Complainant") on June 11, 2010. Trico also respectfully requests that the Arizona Corporation Commission ("Commission") dismiss Salt River Solar's Complaint for the reasons explained below:

ANSWER

- 1. Trico denies the allegations at lines 14 through 17 of the Complaint. In response, Trico alleges that:
 - a. all but one of the rebate requests at issue were made during the period when the 2009 Renewable Energy Standard Tariff Implementation Plan of Arizona Electric Power Cooperative, Inc. ("AEPCO"), on behalf of four of its member distribution cooperatives including Trico (hereinafter referred to as the "AEPCO 2009 REST Plan"), was in effect;
 - b. the Commission approved the AEPCO 2009 REST Plan in Decision No. 70655 (December 18, 2008) (attached as Exhibit 1);

- c. each member cooperative, however, had separate renewable energy standard tariffs ("RES Tariff");
- d. the Commission approved Trico's RES Tariff in Decision No. 70168 (February 27, 2008) (attached as Exhibit 2), which was in effect during 2009;
- e. the remaining request, made on January 27, 2010 at 16651 South Lone Heart Road in Sahuarita, was made during when AEPCO's 2010 Restated and Amended Renewable Energy Standard Tariff Implementation Plan ("AEPCO 2010 Restated REST Plan") was in effect and filed on behalf of Trico and other member distribution cooperatives, and approved in Decision No. 71451 (January 6, 2010) (attached as Exhibit 3); and
- f. Trico's RES tariff associated with AEPCO's 2010 Restated REST Plan and approved in Decision No. 71453 (January 6, 2010) (attached as Exhibit 4) was in effect for 2010.
- 2. Regarding lines 19 through 22 of the Complaint, Trico admits only that SunWatts renewable generation program applications were submitted for the locations contained at Exhibit A to the Complaint and that Trico confirmed receipt of those applications. Trico further alleges that
 - a. Salt River Solar is not a Trico customer;
 - b. Trico denies that it owes anything to Complainant; and
 - c. Trico has already provided or will provide customers rebates for the eligible distributed renewable systems at the locations at issue in an amount equaling \$146,775.25 (see Exhibit 5).

Trico denies any and all remaining allegations in lines 19 through 22.

3. Regarding lines 24 through 25 of the Complaint, Trico admits only that Salt River Solar has contacted Trico. Trico further alleges that based on the significant growth in the SunWatts program participation:

- a. Trico created a reservation waiting list and placed rebate requests on that list (including requests for the nine locations at issue);
- b. the expected payment date for each customer depends on the date that Trico received each customer's application, which is based on an allocation of rebate funds on a first come basis;
- c. Trico informed customers in a letter of where they were on the waiting list and provided an estimated timeframe as to when funding would be available to provide the rebate for the customer's respective renewable energy system (see Exhibit 6);
- d. the timing of the rebates is based on the amount Trico is collecting in accordance with its Commission-approved RES Tariff;
- e. Complainant was notified that Trico REST funds were exhausted in 2009 on September 14, 2009 (see Exhibit 7);
- f. Complainant was subsequently notified on September 22, 2009, that funds allocated for the Trico rebate program have been temporarily exhausted, that there would be a delay in receiving rebates, and that Trico was implementing a reservation process (see Exhibit 8); and
- g. customers for four of the locations listed in Exhibit A of the Complaint have received rebates in full including at 16391 West Boots Place in Tucson, 37987 South Desert Highland Drive in Tucson, 269 East Forrest Freezer Street in Vail, and 17561 South Indigo Crest Pass in Vail.

Trico denies any and all remaining allegations in lines 24 through 25.

- 4. Trico denies the allegations contained in lines 27 through 29 of the Complaint. Trico further alleges that:
 - a. Trico is paying SunWatts rebates in accordance with the Commission-approved decisions, AEPCO's REST Plans and Trico's RES Tariffs;

customers use and providing rebates which has a fixed funding mechanism under an approved tariff as an incentive to stimulate renewable projects, and the allegations in lines 40 through 42 are irrelevant because Salt River Solar is not a customer.

- 9. Regarding the allegations in lines 44 through 46 of the Complaint, Trico is without sufficient information to form a belief as to the truth of the allegations contained regarding a feed-in tariff and denies the allegations on that basis in part and Trico further denies the allegations as immaterial.
 - 10. Trico denies any and all allegations not specifically admitted to in this Answer.

AFFIRMATIVE DEFENSES

- 11. Complainant has failed to state a claim upon which relief may be granted.
- 12. Complainant has alleged no "violation[] of any provision of law or any order or rule of the commission" as required by Arizona Revised Statute § 40-246(A). Trico has been paying rebates for eligible distributed renewable energy systems in accordance with AEPCO's REST Plan, its RES tariff and applicable Commission decisions.
 - 13. Complainant is barred by claim preclusion and issue preclusion.
- 14. Any additional defenses which may apply after facts come to light in this case that support any or all of the affirmative defenses set forth in Rule 8(c), Arizona Rules of Civil Procedure, and hereby incorporates them by reference.

MOTION TO DISMISS

Salt River Solar's Complaint should be dismissed because it fails to state any claim by which relief can be granted. Arizona Revised Statute § 40-246(A) requires that Salt River Solar allege a "violation[] of any provision of law or any order or rule of the commission" in order to file a formal complaint. Complainant has failed to allege any violation of Commission rule or decision. Complainant is not a Trico customer, and no incentive is owed to Salt River Solar from Trico. In fact, Trico will provide rebates to its customers for the eligible distributed renewable systems at the locations at issue in an amount equaling \$146,775.25. Trico has placed customers

on a reservation waiting list and is allocating rebates in accordance with Commission-approved 1 2 orders. Complainant cannot state any set of facts susceptible to proof by which it would be entitled to the relief it seeks, even if its Complaint is read in a light most favorable to Salt River 3 Solar. Therefore, the Complaint must be dismissed. 4 5 WHEREFORE, having fully answered Salt River Solar's Complaint, Trico requests that 6 the Commission issue a Decision dismissing the Complaint; and 7 1. Denying any and all relief sought by Salt River Solar 8 2. Dismissing Salt River Solar's Complaint; and 9 2. Granting such further relief as this Commission deems just and reasonable. RESPECTFULLY SUBMITTED this Aday of July 2010. 10 11 TRICO ELECTRIC COOPERATIVE, INC. 12 By 13 Michael W. Patten fason D. Gellman 14 Roshka, DeWulf & Patten, PLC 400 East Van Buren Street, Suite 800 15 Phoenix, Arizona 85004 16 Attorneys for Trico Electric Cooperative, Inc. 17 18 Original and 13 copies of the foregoing 19 filed this | & day of July 2010 with: 20 Docket Control Arizona Corporation Commission 21 1200 West Washington Street Phoenix, Arizona 85007 22 Copy of the foregoing hand-delivered/mailed 23 this day of July 2010 to: 24 Mike Fricker 25 General Manager/Owner Salt River Solar & Wind, L.L.C. 26 13370 West Foxfire Road, Ste 104 Surprise, Arizona 85374

1	Lyn A. Farmer, Esq. Chief Administrative Law Judge
2	Hearing Division Arizona Corporation Commission
3	1200 West Washington Street Phoenix, Arizona 85007
4	Janice Alward, Esq.
5	Chief Counsel, Legal Division Arizona Corporation Commission
6	1200 West Washington Street
7	Phoenix, Arizona 85007
8	Steven Olea Director, Utilities Division
9	Arizona Corporation Commission 1200 West Washington Street
10	Phoenix, Arizona 85007 By Alebbu Amaul
11	By Marie Arkani
12	
13	·
14	
15	
16	
17	
18	
19	
20	
21	
22	

Exhibit

"1"

participating Cooperatives' service territories. There is a total amount of 200 kW installed.

1 ca 2 th 3 th 4 di 5 fro 6 its

8 9

7

10 11

13

12

15

14

1617

18 19

2021

22

23

24

2526

27

28

capacity from new PV installations and 18 kW of installed wind generation. AEPCO indicated that participation in its rebate program has substantially increased. AEPCO has further indicated that one hundred percent of the participating Cooperatives' renewable capacity comes from distributed generation with seventy three percent (73%) from residential customers and (27%) from commercial customers. To date, AEPCO has issued rebates totaling \$825,202 even though its budget for the rebate program was \$258,000. For the 2009 REST Plan, AEPCO has increased the budget for distributed generation projects to \$600,000.

- 4. AEPCO has indicated, that in response to a request for proposals ("RFP"), there have been two projects identified for further negotiations. Contract negotiations for one project have begun, and AEPCO anticipates finalizing the contract before the end of the year.
- 5. In addition, AEPCO expects the cost of administration and advertising to be approximately \$125,957 at the end of 2008. AEPCO indicated that in 2008, only one R&D expense was incurred. The participating Cooperatives and the City of Tucson Water Department initiated a joint investigation of the feasibility of a large-scale distributed generation PV project, potentially 1 MW, located on land owned by Tucson Water. The participating Cooperatives contributed \$13,500 for site assessment, which was done by a third party.
- 6. According to A.A.C. R14-2-1804, the annual renewable energy requirement in 2008 is 1.75 percent of the total retail kWh sales. However, AEPCO states that less than one-tenth of a percent of the kWh sold by the participating Cooperatives in 2008 was generated by renewable resources. AEPCO states that the reason this percent is so small is because after attempting to procure renewable energy from third-party producers, AEPCO accepted a proposal, in response to an RFP, from an out-of-state supplier. Ultimately, the supplier did not sign the purchased power agreement.

The 2009 REST Plan

7. The AEPCO 2009 REST Plan will assist four of its member distribution cooperatives ("the Cooperatives") in meeting the REST requirements. The 2009 REST Plan, called SunWatts, has four primary parts:

2 3

4

6

7

5

8

9 10

11

12 13

14

16

15

17

18

19 20

21

22

23

24

25

26

27 28 The SunWatts Green Energy Purchase Program

According to AEPCO, the Cooperatives will continue to offer this voluntary program in which retail customers can choose to support renewable energy by purchasing blocks of "green energy." The retail customers can purchase 50 kWh blocks of green energy at a cost of \$2.00 per block. AEPCO has indicated that, to date, there has been no customer participation in this program. Over the next five years, the Cooperatives anticipate adding 100 participants each year.

The SunWatts Residential and Commercial Rebate Program

- The SunWatts rebate program, offered in compliance with R14-2-1809, provides incentives to customers for installation of qualifying photovoltaic ("PV"), solar water heating, and small wind renewable systems. For PV and small wind systems up to 25 kW in size, the Cooperatives pay \$4.00 per installed watt, up to 50 percent of the total cost of the system. For PV and small wind systems from 25.1 kW to 50 kW in size, the Cooperatives provide incentives of \$3.00 per installed watt for up to 50 percent of the total system cost. Any PV or small wind system larger than 50 kW would be handled on a case-by-case basis through negotiated contracts.
- 10. For residential solar water heating systems, the Cooperatives would provide a rebate of \$0.75 per kWh of energy saved during the system's first year of operation. This is based on the OG-300 ratings of the Solar Rating and Certification Corporation. The \$0.75 rebate is an increase from \$0.50 per kWh rebate in AEPCO's Amended and Restated EPS/REST Plan approved on July 30, 2007 in Decision No. 69728. According to AEPCO, the per kWh rebate increase is to conform to the amounts proposed by the Uniform Credit Purchase Program ("UCPP") Working Group. After accounting for and applying all federal and state incentives, the customer contribution to the solar water heating project cost will be at least 15 percent of the total project cost.
- In the AEPCO 2009 REST Plan, the Cooperatives are proposing to add the following four new renewable technologies: Biomass, Biogas, Daylighting, and Solar Space Cooling. To support these new technologies, the Cooperatives would use the incentive, specifications, and criteria developed by the UCPP Working Group.

- 1
- 3
- 5
- 8
- 9
- 10
- 11
- 12
- 13
- 16
- 17
- 18
- 19
- 20
- 23
- 24
- 25
- 26 27

- 12. The rebate for the Daylighting program would be \$0.20 per kWh saved during the
- first year. The Biomass, Biogas, and Solar Space Cooling programs would offer Production-Based
- Incentives ("PBI") paid for Renewable Energy Credits ("REC") over a ten-year period for actual
- measured output. The following incentives would be applied to the Biomass/Biogas technologies:
- \$0.06 per kWh for electric generation, \$0.035 per kWh for CHP-electric, \$0.018 per kWh for
- CHP-thermal, \$0.015 per kWh for thermal, and \$0.032 per kWh for cooling. The Solar Cooling
 - PBI will last for 10 years at \$0.129 per measured kWh.
 - Staff recommends that, if the Commission approves a UCPP, that AEPCO and the 13.
 - participating Cooperatives should be required to develop a mechanism to incorporate UCPP
 - procedures and incentive levels for all eligible technologies in its proposed REST Plans for later
 - years. To the extent that AEPCO believes that different incentive levels than those of the UCPP
 - are justified, particularly in remote, rural areas, AEPCO could develop such proposals.
 - 14. The AEPCO 2009 REST Plan indicates that the Cooperatives would commit one-
- 14 half of the surcharge funds that are collected in 2009 to the distributed generation rebate program.
- Of the funds collected for the distributed generation rebate program one-half would be designated 15
 - for residential distributed projects. Any allocated funds not used in a particular year would roll
 - over to the following year and may be used in subsequent years to support any program.

The SunWatts Large-Scale Purchase Power Contract Program

- 15. The second project, the Joint Development Group, which is made up of generation
- utilities from California and Arizona, is negotiating the development of a large-scale (250 MW)
- 21 Concentrated Solar Generation Project. According to AEPCO, they are exploring the potential of
- 22 ownership or a purchased power agreement for 2.5 MW to 10 MW for 20-30 years. In addition,
 - the Cooperatives plan to purchase Renewable Energy Credits from non-utility renewable energy
 - generators for 2.5 cents per kWh that will vary in size depending upon availability.

The SunWatts Large-Scale Generating Program

- 16. The large-scale Generating Program will have the Cooperatives, as a group or in
- partnership with others, install and operate utility-sized renewable generating units. According to
- AEPCO, the Cooperatives are evaluating two potential projects:

- 17. Solar Plant-Tucson-AEPCO, Trico, and the other Cooperatives have begun discussions with the City of Tucson about the potential for building a jointly-owned solar generating plant in the Avra Valley on land owned by the City of Tucson. According to AEPCO, the City of Tucson has chosen a developer to build a 1 MW PV Plant on the site. The Cooperatives and the City of Tucson would negotiate an agreement regarding the energy and renewable energy credits generated by the plant. The City of Tucson plans to complete this plant in 2009.
- 18. Trico Solar Generating Station-Trico owns ten acres of land that are adjacent to its headquarters that it wants to use as the site of a PV generating facility. The facility would be partially paid for using REST surcharge funds. Trico plans to seek sponsors, donations, grants, and various fee waivers to help reduce the cost of the facility. Because the proposed facility would provide energy to Trico's grid, Trico is proposing to replenish REST funds based on the cost of wholesale energy for each kilowatt-hour generated by the facility. The Cooperatives plan on the first phase of 25 kW to 50 kW to be constructed in 2009.

Other Programs

- 19. <u>PV for Schools Program</u>-The Cooperatives propose to award a 5 kW PV system to four schools at no cost to the schools. The Cooperatives' Environmental Portfollio Standard Committee, using a competitive application process, will choose one school that is in or near each Cooperative's service area. AEPCO indicated that the budget for this program would not exceed \$180,000.
- 20. <u>Habitat for Humanity Program-</u>The AEPCO 2009 REST Plan would continue AEPCO's partnership with Habitat for Humanity to offer renewable energy options to low-income housing in the Cooperatives' service areas. Up to five projects would be undertaken each year and the budget would not exceed \$50,000, an increase from a \$30,000 budget from last year's plan.
- 21. <u>Educational Grant Program-</u>The Cooperatives would continue to offer one teacher in each Cooperative service territory an annual education grant of no more than \$5,000 for the development of renewable curricula for the classroom.

22. <u>AEPCO Headquarters PV Installation-AEPCO</u> has completed a large 25 kW PV installation facility to provide part of the power requirements at its headquarters facility in Benson, Arizona.

Administrative, Advertising/Promotion, and Research and Development

- 23. In its 2009 REST Plan, AEPCO indicted that the participating Cooperatives do not expect to use more than fifteen percent (15%) of the total funds collected on administrative (5%), advertising/promotion (5%), and research and development ("R&D") (5%) expenses. However, AEPCO has budgeted \$135,779 for program administration which is approximately ten percent (10%) of the total REST budget for 2009. The participating Cooperatives have jointly developed and executed a plan for advertising and promotion of the SunWatts programs. This budget for this item would also be \$135,779 (10%) of the total REST budget for 2009.
- 24. In addition, although no R&D is scheduled for 2009, AEPCO states that it would continue to allocate \$20,000 for R&D. According to AEPCO, the \$20,000 allocated for R&D would cover any potential R&D expenses for the proposed Trico Solar Generating Station Project.

 Budget
- 25. AEPCO initially expected to collect \$2,718,032 from the REST surcharge in 2009. However, AEPCO has indicated that \$1,626,836, instead of the \$2,718,032, is expected to be collected.
- 26. The following table indicates the estimated REST funds that would be collected in 2009 by each Cooperative:

	Duncan Valley	Graham County	Mohave	Trico	Total
Residential	\$19,000	\$82,539	\$402,523	\$393,285	\$897,347
Small Commercial	\$18,700	\$95,278	\$388,773	\$52,553	\$555,304
Large Commercial	\$0.00	\$5,245	\$41,169	\$78,011	\$124,425
Government/Agricultural	\$0.00	\$9,096	\$0.00	\$39,260	\$48,356
Industrial	\$0.00	\$0.00	\$0.00	\$1,404	\$1,404
Totals	\$37,700	\$192,158	\$832,465	\$564,513	\$1,626,83

27. The following table indicates the estimated REST budget needed in order to meet the REST requirements for 2009:

	-		
	. 1	•	
	_	•	
	_	**-	
		- 1	
c.			
٠.	÷		
٠,	ŕ	,	
	7	į.	
	7	1	
	7	•	
	7	į.	
	7	į.	
	7	1	
	7		
	7	į.	
	7	1	
	7		
	7		
	c	٠.	
	2)	
	2)	
	2)	
	2)	
	2)	
	2)	
	2)	
	2)	
	2)	
	2)	
	2)	
	2)	
	2	٠.	
	2)	
	2)	
	2)	

Category	\$ Amount of Total
Rebate Program	\$600,000
PV	\$475,000
Wind	\$25,000
Solar Water Heating	\$50,000
Daylighting	\$25,000
Other*	\$25,000
LS**Purchase Power Contract Program	\$37,500
LS Generating Program	\$200,000
PV for Schools Program	\$180,000
Habitat for Humanity	\$50,000
Educational Grant Program	\$5,000
Advertising/Administration	\$271,558
Research and Development	\$20,000
Total	\$ 1,364,058

12

13

14

15

16

17

18

19

20

21

22

11

28. AEPCO anticipates collecting from the participating Cooperatives a total of \$1,626,836. As a result, there is a difference of \$262,778 between the 2009 AEPCO Budget of \$1,364,058 and what AEPCO anticipates collecting from the Cooperatives. AEPCO states that the potential surplus of \$262,778 could help fund the increased demand in distributed generation renewable installation rebates in 2009. In addition, AEPCO is contemplating expanding the Trico Solar Generating Station to 50 kW which could impact the budget by an additional \$200,000. AEPCO has also indicated that an additional utility-owned project is being considered which could be funded by the \$262,778 potential surplus. AEPCO also states that a surplus could delay the need for an increase in the REST surcharge in future years. AEPCO has indicated that there is a carry-over balance of approximately \$1,448,000 from 2008 that will help fund the 2009 REST Budget.

23 24

Tariffs

25 26

29. AEPCO states that the RES Tariff, Voluntary RES Contribution Program Tariff, and the Customer Self-Directed Tariff for each Cooperative that is currently on file with the Commission, in combination with funds carried over from previous years, would be adequate to

28

^{**}LS=Large Scale

fund the 2009 REST Plan. Therefore, the participating Cooperatives would not be filing new tariffs in conjunction with the AEPCO 2009 REST Plan.

Staff's Review of the AEPCO 2009 REST Plan

- 30. Staff believes the SunWatts Green Energy Purchase Program should be continued without change. Customers who volunteer to purchase renewable energy would continue to see the specific amount of renewable energy their contributions are supporting.
- 31. Staff has reviewed the SunWatts Residential and Commercial Rebate Program and believes that it should be approved with AEPCO's proposed changes. The 2009 SunWatts Residential and Commercial Rebate Program has incorporated Staff's recommendations that were approved in Decision No. 69728. The Program has increased the incentives for solar water heating systems and has included incentives for additional renewable technologies.
- 32. In addition, AEPCO has also increased the available rebate fund amount to \$600,000 or approximately 44% of the total 2009 REST Budget although AEPCO has committed to reserving one half of the surcharge funds collected for the Residential and Commercial Rebate Program. Staff believes that a portion of the carry-over funds will assist in reaching 50% of the total budget. However, Staff believes that AEPCO and the participating Cooperatives should offer PBIs, that are consistent with the proposed UCPP, for any PV or small wind system larger than 50 kW rather than case-by-case negotiated contracts.
- 33. Staff has reviewed the SunWatts Large-Scale Purchase Power Contract Program and believes it should be approved without change.
- 34. The AEPCO SunWatts Large-Scale Generating Program has the potential to significantly reduce the cost of renewable energy by installing and operating utility-sized renewable generating units. Staff believes the two potential projects, the Solar Plant-Tucson and the Trico Solar Generating Station, should be approved without change.
- 35. AEPCO has incorporated the PV for Schools Program into its 2009 REST Plan and estimates it will produce an estimated 100 kW. AEPCO is continuing its Habitat for Humanity Program and has increased the budget by \$20,000, from last year's plan, to a maximum of

5.

<u>.</u> -

 \$50,000. The completion of AEPCO's Headquarters PV Installation will assist in achieving a portion of the power requirements.

- 36. Staff believes the PV for Schools Program, Habitat for Humanity Program, and AEPCO Headquarters PV Installation that are included in AEPCO's 2009 REST Plan should be approved without change.
- 37. Staff believes that AEPCO's proposed budget for its 2009 REST Plan is appropriate and sufficient in meeting the REST Rules requirements.

Other

- 38. On October 23, 2008, in Decision No. 70567, the Commission adopted the Net Metering Rules. Although these rules have been adopted by the Commission, they have not yet become effective. The Net Metering Rules adopted by the Commission define a net metering customer in A.A.C. R14-2-2302(12) as "any Arizona Customer who chooses to take electric service in the manner described in the definition of Net Metering..." The Net Metering Rules make no provision for the exclusion of any customer having received an incentive payment from receiving energy payments under a net metering tariff.
- 39. Staff notes that while the Commission's approval of the Net Metering Rules requires further action such as endorsement by the Arizona Attorney General prior to becoming effective, it would not be in the public interest to permit the participating Cooperatives to prohibit customers from receiving both incentive payments and energy payments. It was never the Commission's intention that a Net Metering customer under the Net Metering Rules be precluded from obtaining incentive payments under the REST rules.

Staff Recommendations

- 40. Staff has reviewed the AEPCO 2009 REST Plan. Staff believes that the AEPCO 2009 REST Plan will help the participating Cooperatives meet the requirements of the REST Rules. Staff had recommended approval of the plan as specified herein.
- 41. In addition, Staff believes that customers should not be forced to choose between incentive payments or energy payments. Staff believes that the participating Cooperatives should be required to provide to customers participating in the SunWatts Residential and Commercial

Rebate Program both incentive payments and energy payments as contemplated in the Net Metering Rules. Therefore, Staff has recommended that the participating Cooperatives be required to provide to customers both incentive payments and energy payments. This will make the SunWatts Residential and Commercial Rebate Program compatible with the Net Metering Rules adopted by the Commission in Decision No. 70567 on October 28, 2008.

- 42. Staff has further recommended that AEPCO and the participating Cooperatives provide production-based incentives, consistent with the proposed UCPP, for any PV and/or small wind system larger than 50 kW, rather than case-by-case negotiated contracts.
- 43. Staff has further recommended that the participating Cooperatives amend their SunWatts Residential and Commercial Rebate Program literature and Enrollment Form to be consistent with this decision and in a form acceptable to Staff.
- 44. Staff has further recommended that each participating Cooperative's RES Tariff, Customer Self-Directed Tariff, and the Voluntary RES Contribution Program Tariff, currently on file with the Commission, remain in effect until further Order of the Commission.

CONCLUSIONS OF LAW

- 1. Arizona Electric Power Cooperative, Inc. is an Arizona public service corporation within the meaning of Article XV, Section 2, of the Arizona Constitution.
- 2. Duncan Valley Electric Cooperative, Inc., Graham County Electric Cooperative, Inc., Mohave Electric Cooperative, Inc., and Trico Electric Cooperative, Inc. are public service corporations within the meaning of Article XV, section 2, of the Arizona Constitution.
- 3. The Commission has jurisdiction over AEPCO, Duncan Valley Electric Cooperative, Inc., Graham County Electric Cooperative, Inc., Mohave Electric Cooperative, Inc., and Trico Electric Cooperative, Inc. and over the subject matter of the application.
- 4. The Commission, having reviewed the application and Staff's Memorandum dated December 2, 2008, concludes that it is in the public interest to approve the AEPCO 2009 REST Plan as specified in this order.

28

1	IT IS FURTHER ORDER	ED that each participating Coo	pperative's RES Tariff, Customer		
2	Self-Directed Tariff, and the Voluntary RES Contribution Program Tariff, currently on file with				
3	the Commission, remain in effect until further Order of the Commission.				
4	IT IS FURTHER ORDERED that this Order shall become effective immediately.				
5	BY THE ORDER OF	THE ARIZONA CORPORAT	TION COMMISSION		
6			· / / / / / / / / / / / / / / / / / / /		
7	e see	Wille	LA MOOD		
8	CHAIRMAN	COMM	IISSIONER		
9			$\sim 10^{\circ}$		
10	ofher the latel Miller	Dm_	Gais Vin		
4	COMMISSIONER	COMMISSIONER	COMMISSIONER		
12		IN WITNESS WHEREC	(DF, I, BRIAN C. McNEIL,		
13			rizona Corporation Commission, and caused the official seal of		
14		this Commission to be affix	ked at the Capitol, in the City of 1. December, 2008.		
15		Thoems, this [A day of	(<u>J) Dtember</u> , 2006.		
16		VIII			
17		BRIAN C. McNEIL	-/-		
18		EXECUTIVE DIRECTOR			
19	DISSENT:				
20	DISSERT.				
21	DISSENT:				
22 23	EGJ:CLA:lhm\WVC				
23 24					
25					
26					
27					
28					
20					

23

24

25

26

27

28

Decision No. 70655

Docket No. E-01773A-08-0333

Exhibit

"2"

1	BEFORE THE ARIZONA CORPORATION COMMISSION
2	MIKE GLEASON Chairman
3	WILLIAM A. MUNDELL Commissioner JEFF HATCH-MILLER Arizona Corporation Commission DOCKETED
5	Commissioner FEB 27 2008 KRISTIN K. MAYES
6	Commissioner DOCKETED BY
7	Commissioner
8	IN THE MATTER OF THE APPLICATION) DOCKET NO. E-01461A-07-0578
9	OF TRICO ELECTRIC COOPERATIVE, INC. FOR APPROVAL OF RENEWABLE DECISION NO. 70168
10	ENERGY STANDARD TARIFFS ORDER
11	
12	Open Meeting February 12 and 13, 2008
13	Phoenix, Arizona
14	BY THE COMMISSION:
15	<u>FINDINGS OF FACT</u>
16	1. Trico Electric Cooperative, Inc. ("Trico" or "Company") is certificated to provide
17	electricity as a public service corporation in the State of Arizona.
18	2. On July 30, 2007, the Arizona Corporation Commission ("Commission") issued
19	Decision No. 69728 which approved the Arizona Electric Power Cooperative, Inc. ("AEPCO")
20	Amended and Restated EPS/REST Plan ("Restated Plan"), filed on behalf of four of its Arizona
21	member distribution cooperatives. The four distribution cooperatives are Trico Electric
22	Cooperative, Inc. ("Trico"), Duncan Valley Electric Cooperative, Inc. ("Duncan Valley"), Graham
23	County Electric Cooperative, Inc. ("Graham County"), and Mohave Electric Cooperative, Inc.
24	("Mohave"). On October 5, 2007, Trico filed its tariffs pursuant to Decision No. 69728 and the
25	Renewable Energy Standard and Tariff ("REST") Rules.
26	3. Trico is submitting its tariffs associated with the Restated Plan. Trico is also
27	submitting its proposed budget of \$564,513 for its portion of the Restated Plan approved in

Decision No. 69728. Duncan Valley, Graham County, and Mohave have also submitted separate

3

4

5 6

7 8

9 10

11 12

13 14

15

16

17

18

19 20

21 22

23

24 25

26

27 28 REST Tariffs pursuant to Decision No. 69728 which include each Cooperative's individual budget for its portion of the Restated Plan.

Tariffs

Staff has reviewed Trico's proposed RES Tariff which Trico filed in compliance 4. with Decision No. 69728, issued July 30, 2007. Trico's proposed RES Tariff sets forth the surcharge rates and monthly maximums to be collected to fund its annual budget for 2008. The proposed tariff includes a surcharge of \$0.000875 per kWh for governmental and agricultural The proposed monthly maximums for governmental and agricultural members/customers. member/customers are \$13.00 per service and \$39.00 per service for governmental and agricultural members/customers whose demand is 3,000 kW or more for three consecutive months. For the residential and non-residential members/customers, Trico is proposing a surcharge of \$0.004988 per kWh, a 570.06 percent increase from the existing Environmental Portfolio Standard ("EPS") The proposed monthly maximum per service for residential surcharge of \$0.000875. members/customers is \$1.05. Trico is proposing a \$39.00 per service monthly maximum for nonresidential members/customers. For non-residential members/customers whose demand is 3,000 kW or more for three consecutive months, the proposed monthly maximum is \$117.00 per service. The proposed monthly maximums ("caps") for Trico's proposed tariff, compared to the existing EPS maximums, are:

Customer Class/Category	Existing EPS Maximums/Caps	Proposed REST Maximums/Caps	Difference(\$)	Increase (%)
Residential	\$ 0.35	\$ 1.05	\$ 0.70	300%
Governmental & Agricultural	\$ 13.00	\$ 13.00	-	-
Governmental & Agricultural >3MW	\$ 39.00	\$ 39.00	-	-
Commercial & Industrial	\$ 13.00	\$ 39.00	\$ 26.00	300%
Commercial & Industrial >3MW	\$ 39.00	\$ 117.00	\$ 78.00	300%

5. The following table provides examples of sample Trico customers and the impact customers can expect to see.

Monthly Bill Impact

Sample Customers	Average kWh	Current EPS	Proposed REST	Difference
School	44,064	\$13.00	\$13.00	-
Convenience Store	30,186	\$13.00	\$39.00	\$26.00

6. Trico has calculated that its RES Tariff will collect the following funds, by customer category:

RES Tariff Funding from Proposed Surcharge

	Total \$	Average \$ per Bill	% Reaching Cap
Residential	\$393,285	\$0.94	84.7%
Small Commercial (Rate GS-1 and GS-2)	\$52,553	\$5.14	1.8%
Large Commercial (Rate GS-3 and IS-2)	\$78,011	\$26.12	47.6%
Government and Agricultural (Various Rates)	\$39,260	\$6.97	37.5%
Industrial (GS-4)	\$1,404	\$117.00	100%
Total	\$564,513		

- 7. Trico believes that the surcharge rates and the monthly maximums proposed in Trico's RES Tariff will be sufficient to fund its annual budget for 2008.
- 8. In addition to the RES Tariff, Trico has also filed its Voluntary RES Contribution Program Tariff which it has filed in compliance with Decision No. 69728. The proposed program allows members/customers to purchase 50 kWh blocks of green energy for an additional \$2.00 per block. The proposed Voluntary RES Contribution Program Tariff will replace Trico's existing Voluntary EPS Contribution Program Tariff approved in Decision No. 67411.
- 9. In addition, Trico is proposing its Customer Self-Directed Tariff in compliance with Arizona Administrative Code ("A.A.C.") R14-2-1809(A). Trico's proposed Customer Self-Directed Tariff allows eligible non-residential members/customers with multiple meters that pay more than \$25,000 annually in RES Surcharge funds to receive funds from the Cooperative to install Distributed Renewable Energy Resources.

Budget

10. According to Trico, the RES funding from the RES surcharge is estimated to be a total of \$564,513. The AEPCO Amended and Restated EPS/REST Plan approved in Decision No.

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19 20

21

22

23

24

25

26

27

28

69728 had a total surcharge budget of \$2,636,436. Trico's \$564,513 fund plus the remaining three cooperatives' funds (Duncan Valley, Graham County, and Mohave) come to a total of \$1,657,953. There is a difference of \$978,483 between the proposed total AEPCO fund amount and the AEPCO surcharge fund amount that was approved in Decision No. 69728. According to AEPCO, the current carry-over EPS surcharge fund balance is estimated to be \$1,900,000. The current EPS

surcharge fund balance of \$1,900,000 will assist the Cooperatives in meeting the AEPCO approved surcharge budget of \$2,636,436.

Fair Value Determination

Staff has analyzed Trico's application in terms of whether there are fair value 11. implications. In Decision No. 68073, issued on August 17, 2005, the Commission determined the fair value of Trico's property to be \$97,890,329. According to Trico, as of December 31, 2006, per audited financial information, the value of Trico's plant is \$156,708,264. Staff considered both of these values for purposes of this analysis. The proposed tariff would have no impact on the company's revenue, fair value rate base, or rate of return. Because plant developed pursuant to the REST programs is not added to the rate base, there will be no corresponding effect on Trico's ultimate revenue or rate of return.

Recommendations

- Staff has reviewed Trico's proposed tariffs and finds that they are consistent with 12. A.A.C. R14-2-1808, R14-2-1809(A), and Appendix A: Sample Tariff of the Renewable Energy Standard and Tariff Rules. Staff recommends the following:
 - Approval of Trico's RES Tariff; a.
 - Approval of Trico's Voluntary RES Contribution Program Tariff; b.
 - Approval of Trico's Voluntary Customer Self-Directed Tariff; c.
 - A Commission Order that the REST Rules, A.A.C. R14-2-1801 through R14-2d. 1815, supersede the EPS Rules and any other reporting requirements related to renewable energy resources.
 - A Commission Order that the RES Tariff supersedes the EPS surcharge and upon e. Commission approval of the RES Tariff, Trico shall no longer be required to charge customers the current EPS surcharge and;

A Commission Order that all monies collected under the EPS Surcharge for the f. current EPS program is transferred to the REST Program.

g. A Commission Order that requires Trico to file with Docket Control, as a compliance matter in this case, tariff pages consistent with the terms of the Commission's Decision within 15 days from the effective date of the Decision.

CONCLUSIONS OF LAW

- Trico Electric Cooperative, Inc. is an Arizona public service corporation within the 1. meaning of Article XV, Section 2, of the Arizona Constitution.
- The Commission has jurisdiction over Trico Electric Cooperative, Inc. and over the subject matter of the Application.
- The Commission, having reviewed the application and Staff's Memorandum dated 3. January 25, 2008, concludes that it is in the public interest to approve the Trico RES Tariff, Voluntary RES Contribution Program Tariff, and the Customer Self-Directed Tariff as specified in this order.

ORDER

IT IS THEREFORE ORDERED that the Trico Electric Cooperative, Inc. RES Tariff, Voluntary RES Contribution Program Tariff, and the Customer Self-Directed Tariff are hereby approved as discussed herein.

IT IS FURTHER ORDERED that the REST Rules, A.A.C. R14-2-1801 through R14-2-1815, supersede the EPS Rules and any other reporting requirements related to renewable energy resources.

IT IS FURTHER ORDERED that the RES Tariff supersedes the EPS surcharge and upon Commission approval of the RES Tariff, Trico shall no longer be required to charge customers the current EPS surcharge.

IT IS FURTHER ORDERED that all monies collected under the EPS Surcharge for the current EPS program be transferred to the REST Program.

26

22

23

24

25

27

28

Page 6

Docket No. E-01461A-07-0578

SERVICE LIST FOR: Trico Electric Cooperative, Inc. DOCKET NO. E-01461A-07-0578

Mr. John Wallace

Grand Canyon State Electric Cooperative Association, Inc.

120 North 44th Street, Suite 100 5 Phoenix, Arizona 85034

6 Mr. Christopher C. Kempley
7 Chief Counsel, Legal Division
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

9

10

11

12

Mr. Ernest G. Johnson Director, Utilities Division Arizona Corporation Commission 1200 West Washington Street Phoenix, Arizona 85007

13

1415

16

17

18

19

20

21

22

23

24

25

26

27

28

Exhibit

"3"

1 BEFORE THE ARIZONA CORPORATION COMMISSION KRISTIN K. MAYES Artzona Corporation Commission Chairman GARY PIERCE DOCKETED 3 Commissioner PAUL NEWMAN JAN - 6 2010 Commissioner SANDRA D. KENNEDY 5 DOCKETED BY Commissioner ne **BOB STUMP** 6 Commissioner 7 IN THE MATTER OF ARIZONA ELECTRIC) 8 DOCKET NO. E-01773A-09-0335 POWER COOPERATIVE, INC. DECISION NO. __71451 APPLICATION FOR APPROVAL OF THE 2010 RENEWABLE ENERGY STANDARD ORDER AND TARIFF PLAN 10 11 12 Open Meeting December 22, 2009 13 Phoenix, Arizona BY THE COMMISSION: 14

FINDINGS OF FACT

1. Arizona Electric Cooperative, Inc. ("AEPCO") and its Arizona member distribution cooperatives are certificated to provide electricity as public service corporations in the state of Arizona.

Background

15

16

17

18

19

20

21

22

23

24

25

26

27

- 2. On June 30, 2009, AEPCO filed the 2010 Renewable Energy Standard and Tariff ("REST") Plan on behalf of three of its Arizona member distribution cooperatives in compliance with Arizona Administrative Code ("A.A.C.") R14-2-1801 through R14-2-1816. On November 6, 2009, AEPCO filed its Amended and Restated 2010 REST Plan ("2010 Restated REST Plan") on behalf of three of its Arizona member distribution cooperatives. The three distribution cooperatives are Duncan Valley Electric Cooperative, Inc. ("Duncan Valley"), Graham County Electric Cooperative, Inc. ("Graham County"), and Trico Electric Cooperative, Inc. ("Trico").
- 3. According to AEPCO, in 2009 (through August), 75 new photovoltaic ("PV") systems, 11 new residential wind generating systems, and 17 new solar water heaters have been

1,2 This information includes Mohave Electric Cooperative, Inc.

installed in the participating Cooperatives' service territories.¹ There is a total amount of 330 kW installed capacity from new PV installations, 48 kW of installed wind generation, and 48 kW from solar water heaters. In addition, AEPCO has stated that in 2009 (through August), there has been 875,820 total kWh of energy obtained from renewable resources.² AEPCO has informed Staff that there have not been any commercial installations in 2009, to date.

- 4. AEPCO indicated that participation in its rebate program has substantially increased. In addition, AEPCO has indicated that Trico and Graham County have both exhausted the funds for the SunWatts rebate program, with Duncan Valley quickly the exhausting remaining funds. According to its 2010 REST Plan, AEPCO has increased the budget for distributed generation projects to \$1,339,349 compared to the \$600,000 budget in its 2009 REST Plan. In addition, AEPCO has indicated that through August 2009, the Cooperatives have collected a total of approximately \$951,300 in REST funds. However, AEPCO has spent approximately \$1,123,700. This amount includes surplus funding from previous years, above what has been collected in 2009, which has been used to support the Cooperatives' rebate program.
- 5. According to A.A.C. R14-2-1804, the annual renewable energy requirement in 2010 is 2.50 percent of the total retail kWh sales. In addition, according to A.A.C. R14-2-1805.B, the annual distributed renewable energy requirement in 2010 is twenty percent (20%) of the annual renewable energy requirement. AEPCO has indicated that if the distributed renewable projects included in the 2010 REST Plan are completed, they will exceed the distributed requirements of A.A.C R14-2-1805.B.
- 6. AEPCO has also indicated that Trico and Graham County have both exhausted their 2009 REST funds. In addition, AEPCO stated that as of September 10, 2009, there were forty-six customers with partially completed or completed projects that have not received funding and remain on the reservation list for funding. According to AEPCO, on September 14, 2009, it informed solar contractors that there was no longer funding available for projects. In addition, AEPCO indicated that on September 22, 2009, another letter was sent to customers and contractors

The 2010 Restated REST Plan

7. The AEPCO 2010 Restated REST Plan will assist three of its member distribution cooperatives ("the Cooperatives") in meeting the REST requirements. The 2010 Restated REST Plan, called SunWatts, includes six programs:

explaining the status of the REST funds and describing the reservation process. AEPCO states that

it has continued to send a letter to each new applicant informing them of the REST fund shortage.

Trico has placed all customers with a confirmed application on a reservation list. AEPCO has

indicated that since September 10, 2009, it has received 21 PV applications and four solar water

The SunWatts Green Energy Purchase Program

heater applications that have been placed on a reservation list.

8. According to AEPCO, the Cooperatives will continue to offer this voluntary program in which retail customers can choose to support renewable energy by purchasing blocks of "green energy." The retail customers can purchase 50 kWh blocks of green energy at a cost of \$2.00 per block.

The SunWatts Residential and Commercial Rebate Program

- 9. The SunWatts rebate program, offered in compliance with R14-2-1809, provides incentives to customers for installation of qualifying photovoltaic ("PV"), solar water heating, and small wind renewable systems. For PV and small wind systems, the Cooperatives would pay Up-Front Incentives ("UFIs") of \$3.00 per installed watt, up to 40 percent (40%) of the total cost of the system, for systems up to 10 kW in size. The Cooperatives will own all the Renewable Energy Credits ("RECs") from a project receiving UFIs for its operational life.
- 10. In addition, PV and wind systems eligible for Production Based Incentives ("PBIs") will be subject to a \$7.50 per watt invoice cap. If an invoice for a residential or commercial project exceeds the \$7.50 per watt cap, the incentive will then be calculated based on a total system cost reflecting the \$7.50 per watt cap.
- 11. The Cooperatives would provide PBIs of no more than \$.14 per kWh for PV and small wind systems greater than 10 kW in size, up to fifty percent (50%) of the total project cost. PBI incentives would be available for a term of up to 25 years but may be limited to the expected

Decision No. 71451

operational life of the specific technology. In addition, the Cooperatives will own all of the RECs from the project receiving PBIs for the term of the REC agreement. Further, systems eligible for PBIs will be subject to a competitive selection process, resulting in the most cost-effective projects receiving a rebate.

- 12. Projects eligible for PBIs will be competitively selected on a quarterly to semiannual basis. If a project is not selected, the applicant is then informed of the project's status and given an opportunity to resubmit the project for consideration during the next selection process. In addition, AEPCO stated that the Cooperatives reserve the right to negotiate the PBI agreement based on current market conditions in order to obtain the most competitive priced RECs. According to AEPCO, projects that are one megawatt ("MW") or greater would not be eligible for the incentives outlined below in Table 1, but instead would be negotiated on a perproject basis relative to market conditions.
- 13. According to AEPCO, projects would received a rebate on a first-come first-serve basis until funding is no longer available. Systems which have been approved but have not yet received a rebate due to lack of funding would be placed on a reservation list until additional funding becomes available. Once funding becomes available, rebates would be paid following a final inspection of the system. Installations are required to be performed by licensed renewable energy contractors, electricians, or plumbers (in the case of solar water heaters). The Cooperatives may permit self-installations only if the installation has been inspected and verified by a licensed contractor.
- 14. Currently, the Cooperatives pay UFIs of \$4.00 per installed watt, up to 50 percent (50%) of the total cost of the system, for systems up to 25 kW in size; \$3.00 per installed watt, up to 50 percent (50%) of the total cost of the system, for systems from 25.1 kW to 50 kW in size; and any PV or small wind system greater than 50kW in size is offered PBIs consistent with the proposed Uniform Credit Purchase Program ("UCPP"). For residential solar water heating systems, the Cooperatives would continue to provide a rebate of \$0.75 per kWh of energy saved during the system's first year of operation, based on the OG-300 ratings of the Solar Rating and Certification Corporation. After accounting for and applying all federal and state incentives, the

3 4

5 6

7 8

9

10 11

12

13 14

15 16

17

18

19

20 21

22

23

24 25

26 27

28

customer contribution to the solar water heating project cost would not be less than 15 percent of the total project cost.

- 15. According to the AEPCO 2010 Restated REST Plan, the Cooperatives would continue to offer the following renewable technologies: Biomass, Biogas, Daylighting, and Solar Space Cooling. The rebate for the Daylighting program would be \$0.20 per kWh saved during the first year. The Biomass, Biogas, and Solar Space Cooling programs would offer PBIs paid for RECs over a 20-year period based on actual measured output. The following incentives would be applied to the Biomass/Biogas technologies: \$0.054 per kWh for electric generation, \$0.031 per kWh for CHP-electric, \$0.016 per kWh for CHP-thermal, \$0.013 per kWh for thermal, and \$0.029 per kWh for cooling. The Solar Cooling PBIs would be for 20 years at \$0.115 per measured kWh. In addition, AEPCO has proposed to offer the following PBIs for Geothermal technology: \$0.022 per kWh for geothermal-electric and \$0.043 per kWh for geothermal-thermal. The Geothermal program would offer PBIs paid for RECs over a 20-year period based on actual measured output.
- Table 1 below illustrates the incentive levels provided for each technology 16. proposed in AEPCO's 2010 Restated REST Plan.

Table 1

Technology	UFIs	PBIs
Solar Electric	\$3.00 per watt up to 10 kW	\$0.14 (max) per kWh over 10 yrs (over 10 kW)
Small Wind	\$3.00 per watt up to 10 kW	\$0.14 (max) per kWh over 10 yrs (over 10 kW)
Solar Water Heating	\$0.75 per kWh for first year savings	
Solar Daylighting	\$0.20 per kWh for first year savings	
Geothermal		
-Electric		\$0.022 per kWh over 20 yrs
-Thermal		\$0.043 per kWh over 20 vrs
Biogas/Biomass	Ì	
-Electric		\$0.054 per kWh over 20 yrs
-Thermal		\$0.013 per kWh over 20 yrs
-Cooling		\$0.029 per kWh over 20 yrs
-CHP-Electric	1	\$0.031 per kWh over 20 yrs
-CHP-Thermal		\$0.016 per kWh over 20 vrs
Solar space Cooling		\$0.115 per kWh over 20 yrs

17. According to AEPCO, the Cooperatives generally follow the program process guidelines of the UCPP working group recommendations. Staff recommends that, if the Commission approves a UCPP, that AEPCO and the participating Cooperatives should be required to develop a mechanism to incorporate UCPP procedures and incentive levels for all eligible

technologies in its proposed REST Plans for later years. To the extent that AEPCO believes that different incentive levels than those of the UCPP are justified, particularly in remote, rural areas, AEPCO could develop such proposals.

- 18. The AEPCO 2010 Restated REST Plan indicated that any allocated funds not used in a particular year would be carried over to the following year and may be used in subsequent years to support any REST program. Staff believes that AEPCO should be able to transfer any allocated funds not used by a particular program to any other program during the Implementation Plan year.
- 19. The following larger distributed generation projects are currently under consideration for rebate support:

Solar Plant-Tucson-AEPCO, Trico and the City of Tucson Water Department are working together to develop a 1 MW PV Plant in the Avra Valley area northwest of Tucson. The Cooperatives have agreed to purchase the RECs generated by the facility. Currently, the Cooperatives and Tucson Water are working on a REC purchase agreement.

<u>Wilcox Greenhouse Geothermal-</u>The Cooperatives, in cooperation with Sulphur Springs Valley Electric Cooperative, Inc., are evaluating a potential geothermal project located in the Wilcox area. If built, the project could produce as much as 1.5 MW of RECs.

The SunWatts Large-Scale Purchase Power Contract Program & Generating Program

20. The large-scale Generating Program would have the Cooperatives, as a group or in partnership with others, install and assist in the development of large-scale renewable resources either through purchase power agreements or by the construction of utility owned resources. AEPCO and the Cooperatives continue to issue Request for Proposals ("RFPs") to seek large-scale renewable proposals. In addition, AEPCO has indicated that the resources being considered are not expected to develop before 2012. Therefore, the Cooperatives are not anticipating any large-scale expenditures in 2010.

SunWatts PV for Schools Program

21. The Cooperatives propose to reward at least one school a 5 kW PV system at no cost to the school. The school would be located either in or near a Cooperative's service area and will be chosen after a competitive application process. AEPCO indicated that the budget for this

program would not exceed \$30,000, a decrease from the current budget of \$180,000. In addition, the Cooperatives are discussing a possible partnership with the Schools Facilities Board in 2010. According to AEPCO, such a partnership would allow the Cooperatives to leverage budgeted money for this program with stimulus money allocated to the schools to provide additional PV support for the schools.

SunWatts Habitat for Humanity Program

22. The AEPCO 2010 Restated REST Plan would continue AEPCO's partnership with Habitat for Humanity to offer renewable energy options to low-income housing in a participating Cooperative's service area. However, AEPCO has indicated that there are no Habitat for Humanity homes planned for completion, and the Cooperatives do not anticipate any Habitat for Humanity Homes to be completed in a Cooperative's service territory for the 2010 plan year. Therefore, there has not been a budget allocated for this program in 2010 due to the shortage of funds experienced from the Cooperatives. AEPCO further states that should a Habitat for Humanity home be completed, the Cooperatives will work to support the project.

SunWatts Educational Grant Program

23. The Cooperatives would continue to offer teachers in each Cooperative's service territory an education grant of no more than \$5,000, per service territory. A maximum of \$15,000 will be granted to teachers for the development of renewable curricula for the classroom. In addition, the Cooperatives will continue to support Arizona Utilities for Renewable Energy Education ("AZURE") in partnership with other utilities to develop renewable education materials for teachers in Arizona.

Administrative, Advertising, and Research and Development

24. According to the new budget stated in its 2010 Restated REST Plan, AEPCO has allocated approximately \$240,000, or fifteen percent (15%) of the total funds collected on administrative, advertising, and R&D expenses. The participating Cooperatives have jointly developed and executed a plan for advertising and promotion of the SunWatts programs. In addition, AEPCO has indicated that no R&D is scheduled for 2010. However, R&D funds will be used to support the Cooperatives' membership in the University of Arizona's AZRise Consortium.

I

2.7

Budget

25. AEPCO initially expected to collect \$1,700,000 from the REST surcharge in 2010. However, in its 2010 Restated REST Plan, AEPCO has indicated that \$1,624,349, rather than \$1,700,000, is expected to be collected. AEPCO has indicated that the Cooperatives do not anticipate any surplus funding to be carried over from 2009 or previous years that will assist in funding the 2010 REST Budget.

26. Table 2 below indicates the REST funds AEPCO estimates that would be collected in 2010 by each Cooperative in association with the 2010 Restated REST Plan:

Table 2

Table 2	Duncan Valley	Graham County	Trico	Total
Residential	\$34,700	\$161,912	\$859,316	\$1,055,928
Non-Residential	\$35,500	\$136,490	\$288,344	\$460,334
Government/Agricultural	\$5,400	\$16.905	\$85,782	\$108,087
Totals	\$75,600	\$315,307	\$1,233,442	\$1.624.349

27. However, each Cooperative has provided Staff with the following estimated REST funds collected from each customer class which are indicated in Table 3 below. Staff believes that the information provided by the Cooperatives is a more up-to-date and accurate estimate of the funds to be collected. With the information provided by each Cooperative, the estimated total is \$1,626,653. There is a difference of \$2,304 in the revised estimated budget provided by AEPCO and the information provided by the Cooperatives.

Table 3

	Duncan Valley	Graham County	Trico	Total
Residential	\$34,783	\$160.145	\$859,316	\$1.054.244
Non-Residential	\$35,788	\$122,609	\$288,344	\$446,741
Government/Agricultural	\$5,426	\$34,460	\$85,782	\$125,668
Totals	\$75,997	\$317.214	\$1.233.442	1.626,653

28. Table 4 below indicates AEPCO's estimated REST budget needed in order to meet the REST requirements for 2010:

Decision No. 71451

Table 4

Rebate Program

School PV Program

*LS=Large Scale

\$ Amount of

<u>Total Budget</u>

\$1,033,349

\$150,000

\$156,000

S 1,624,349

\$1,339,349

\$0

\$15,000

\$30,000

<u>\$240,000</u>

1 2

3 4

5

7

8

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

Tariffs

9

29. In its application, AEPCO stated that the funding from the Cooperatives in previous years will almost be exhausted by the end of 2009. Staff was later informed that the Cooperatives have in fact exhausted the funds for the Rebate Program. The participating Cooperatives have each filed new RES Tariffs, for Commission approval, in conjunction with the AEPCO 2010 Restated REST Plan.

AEPCO's Response to Chairman Mayes' Letter Regarding Solar Mapping

Category

---Residential Distributed Generation

Habitat for Humanity Program
Educational Grant Program

--- Commercial Distributed Generation

Administration, Advertising, and R&D

LS*Commercial Distributed Generation

LS*Purchase Power & Generation Program

Total

- 30. On April 20, 2009, Chairman Mayes wrote a letter to several of Arizona's regulated electric utilities, including AEPCO, regarding the development of a solar map in Arizona. Chairman Mayes requested that the utilities prepare, as part of their 2010 RES Implementation Plans or pending rate cases, for the Commission's consideration, a proposal for building and funding a solar map of Arizona.
- 31. In its 2010 REST Plan, AEPCO includes its response to Chairman Mayes' letter. AEPCO indicated that the Cooperatives recommend a multi-utility approach to developing a solar map of Arizona. The costs of such a project would be proportionally shared, based on utility size, between all interested parties. In addition, in an effort to streamline processes, the Cooperatives recommend the study and utilization of information from other similar state projects. AEPCO states that because the Cooperatives' service territories are mainly comprised of low-density residential or rural areas there is no real benefit to identifying high-density commercial or congestion zones.

28

32. In addition, AEPCO states that with the increased tax credits and generous incentives the Cooperatives already provide there would be no need to provide heightened rebates for early adopters of the REST Program or those who adopt solar technology on a large scale basis. Further, AEPCO indicates that the Cooperatives would develop a program that would encourage the deployment of solar technology on multifamily buildings and community centers. The program would offer developers of multifamily buildings a performance incentive based on the actual metered output of all the solar meters. The incentives paid would be based on the UCPP incentives.

Response to American Solar Electric, Inc.

- 33. On September 15, 2009, American Solar Electric, Inc. ("ASE") filed a letter in this docket expressing several concerns it had with the 2010 REST Plan filed by AEPCO and specifically Trico's administration of the Rebate Program. According to ASE, it has a considerable customer base in Trico's service territory. As of the date of the ASE's letter, ASE indicated that it has twenty-four residential customer contracts at varying stages of completion which represent 150 kW of residential PV capacity.
- AEPCO's compliance with A.A.C. R14-2-1804 and R14-2-1805 of the REST Rules. Staff notes that A.A.C. R14-2-1814 substitutes for R14-2-1804 and R14-2-1805 upon Commission approval of an electric cooperative's REST Plan. First, ASE's letter stated that under Trico's current process, a customer must submit the request for a reservation, a signed contract, building permit, system design schematic, and the application for interconnection, all in one package, without guarantee that funds have been reserved. Second, ASE's letter indicated that Trico does not provide adequate notice to customers regarding the status of a project approval.
- 35. ASE's letter further indicates that Trico's website indicated that the "SunWatts Program was out of money and would no longer be accepting reservations for incentives for the remainder of 2009." However, appendix 1 and 2 of ASE's letter which are printed pages from Trico's website do not indicate that Trico "would no longer be accepting reservations for incentives for the remainder of 2009." Trico's website indicated that "...rebate funds for 2009

have been exhausted. Trico's rebate program is suspended until additional rebate monies are available." Staff understands this statement to explain that Trico is currently unable to provide incentives due to the lack of available funding for the Rebate Program.

- 36. Staff does not believe that Trico's website indicated that it would no longer be accepting reservations for incentives. Trico has since revised its website to indicate that although funds have been exhausted, Trico is accepting reservations and the website provides an email address for questions (see attachments 1 and 2).
- 37. According to AEPCO, although each Cooperative's process may vary slightly, the Cooperatives follow the general outline of the UCPP. AEPCO has indicated that after a customer submits an enrollment form to the Cooperative, it is evaluated and determined if the requested project is eligible and if the enrollment form is complete with the required information. If it is determined that a project is not eligible or an enrollment form is in some way deficient, the Cooperative then notifies the customer of the application status and allows them to resubmit the necessary materials. If the enrollment form is sufficient and the project is eligible, it is then put on the Cooperative's reservation list (which has only recently been implemented due to the shortage of funds). All projects put on the reservation list would be funded in the order they were put on the list as additional funding becomes available.
- 38. A customer is then notified if their project has been placed on the reservation list and informed that they must complete an interconnection agreement, submit a system schematic, provide copies of the project estimate, and supply all permits within sixty days of the project being accepted. Once a system is installed, it is inspected by the Cooperative and interconnection verified. Finally, once a system passes inspections, the Cooperative processes the incentive, pending funding availability.
- 39. AEPCO has further indicated that projects eligible for PBIs also submit an enrollment form which is evaluated in the same manner as those projects eligible for UFIs. With projects eligible for PBIs, however, once these projects are accepted by the Cooperative, the project is then put in a queue to compete against other projects in a competitive process. Projects

are evaluated on a quarterly basis and are supported until funds for that period are no longer available.

- 40. Finally, ASE's letter makes the following recommendations regarding Trico's reservation process:
 - a. Trico's reservation process should make changes to conform to Arizona Public Service Company's ("APS") process: only a reservation request, signed contract or quote, and document assigning payment to the installer should be required in order to reserve incentive funds for the project;
 - b. Trico should allow the customer the option to assign the SunWatts credit purchase payment to the installer, rather than paying the customer directly;
 - c. Within 5 business days of receipt of a reservation request, Trico should provide the installer and customer with a confirmation notice that funds are reserved;
 - d. Within 10 business days of receipt of an interconnection application and system design schematic, Trico should provide the installer and customer a written notice of application status or a written Utility Design Approval (UDA) letter;
 - e. Within 5 business days of receipt of Authority Having Jurisdiction ("AHJ") clearance, Trico should provide the installer and customer a written notice with a schedule for system commissioning and meter swap; and
 - f. Trico should publish a quarterly REST compliance report modeled on the APS Quarterly Compliance Report.
- 41. Staff believes that the Cooperatives' reservation process described above is appropriate and does not believe the recommendations proposed by ASE are necessary. The reservation process has only recently been implemented due to the shortage of funds. However, Staff does agree that the Cooperatives should allow customers the option to assign the incentive payments to the installer, if they so choose. Staff notes that according to the Cooperatives, Duncan Valley does allow customers the option to assign incentive payments to the installer.

Staff's Review of the AEPCO 2010 Restated REST Plan

- 42. Staff believes the SunWatts Green Energy Purchase Program should be continued without change. Customers who volunteer to purchase renewable energy would continue to see the specific amount of energy their contributions are supporting.
- 43. Staff has reviewed the SunWatts Residential and Commercial Rebate Program. The 2010 SunWatts Residential and Commercial Rebate Program has incorporated Staff's

Decision No. 71451

recommendations that were approved in Decision No. 70655. In addition, the Rebate Program has decreased the incentives for PV and small wind systems, as specified above. Staff believes that the decrease in incentives for systems eligible for UFIs is appropriate at this time and will help the Cooperatives support more systems with the 2010 funds. Further, AEPCO has included incentives for geothermal technology. AEPCO has also increased the available rebate fund amount to \$1,339,349 or approximately 82 percent of the total 2010 Restated REST Budget. AEPCO has committed to reserving one half of the surcharge funds collected for the Residential and Commercial Rebate Program.

- 44. Further, AEPCO has proposed a \$7.50 per watt invoice cap for PV and wind systems eligible for PBIs and has proposed a decrease in the incentive levels for systems eligible for PBIs. The Cooperatives have only recently begun to receive requests for PBI eligible installations and have not had sufficient experience with PBI eligible installations. Staff believes that the PBIs currently offered should remain in effect until further order of the Commission. Therefore, Staff does not believe that the proposed \$7.50 per watt invoice cap nor the lowered incentive levels for systems eligible for PBIs is in the public interest at this time.
- 45. Staff has reviewed the SunWatts Large-Scale Purchase Power & Generation Program and believes it should be approved without change. The AEPCO SunWatts Large-Scale Purchase Power Contract & Generation Program has the potential to significantly reduce the cost of renewable energy by installing and operating utility-sized renewable generating units. Staff believes the two potential projects, the Solar Plant-Tucson and the Wilcox Greenhouse Geothermal, should be approved without change.
- 46. AEPCO is continuing its PV for Schools Program and has decreased the budget by \$150,000, from last year's plan, to a maximum of \$30,000. In addition, AEPCO will not have a budget for its Habitat for Humanity Program which had a budget maximum of \$50,000 in its 2009 REST Plan. AEPCO has stated that should there be any plans for a Habitat for Humanity home to be completed in the Cooperatives' service territories in 2010, the funds would come from the Rebate Program. Further, AEPCO will continue its Educational Grant Program with a maximum budget of \$15,000 (\$5,000 per service territory). Staff believes the PV for Schools Program,

1.0

Habitat for Humanity Program, and Educational Grant Program that are included in AEPCO's 2010 Restated REST Plan should be approved without change.

47. Staff believes that the AEPCO's proposed budget of \$1,624,349 for 2010 is appropriate and will assist in meeting the REST Rules requirements.

Staff Recommendations

- 48. Staff has reviewed the AEPCO 2010 Restated REST Plan and Staff believes that the AEPCO 2010 Restated REST Plan will help the participating Cooperatives meet the requirements of the REST Rules. Staff recommends approval of the plan as specified herein. In addition, Staff recommends that the Commission approve AEPCO's proposed budget of \$1,624,349. Staff believes that the estimated total to be collected by the Cooperatives will help AEPCO meet its 2010 budget.
- 49. The Commission remains concerned that Arizona utilities are not adequately promoting and marketing to homeowners the availability of REST funds for residential distributed solar projects. While we appreciate and approve of AEPCO's outreach efforts, we would like to see the Company go further. Specifically, we believe it is in the public interest for AEPCO to participate in creating a joint website to be titled "Go Solar Arizona" with other ACC-regulated electric utilities that would make available to Arizonans at a minimum, information regarding the availability of all residential and commercial solar incentives, including utility rebates offered through the REST, as well as applicable state and federal tax credits; information about the RES; information regarding any relevant Commission sponsored workshops on renewable energy; information regarding the status of the utility's efforts toward meeting the Standard; and information regarding the geographical location of residential and commercial and utility scale systems in the Company's service territory.
- 50. Moreover, we believe this web site should make available twice monthly on the new web site at least the following information: the reservation request review date; the incentive program under which the incentive is being offered; the amount of the incentive offered; the size and nature of the systems (whether commercial or residential); the step in the reservation process each system is in at the time it is posted; total cost of the system; nameplate rating of the system;

Decision No. 71451

current incentive application status; and the name of the installer of the system. We believe that providing this information will increase the transparency of the REST, provide customers and installers with greater information regarding the status of system reservations, and encourage competition among installers, thus benefiting ratepayers.

CONCLUSIONS OF LAW

- 1. Arizona Electric Power Cooperative, Inc. is an Arizona public service corporation within the meaning of Article XV, Section 2, of the Arizona Constitution.
- 2. Duncan Valley Electric Cooperative, Inc., Graham County Electric Cooperative, Inc., and Trico Electric Cooperative, Inc. are public service corporations within the meaning of Article XV, section 2, of the Arizona Constitution.
- 3. The Commission has jurisdiction over AEPCO, Duncan Valley Electric Cooperative, Inc., Graham County Electric Cooperative, Inc., and Trico Electric Cooperative, Inc. and over the subject matter of the application.
- 4. The Commission, having reviewed the application and Staff's Memorandum dated December 2, 2009, concludes that it is in the public interest to approve the Arizona Electric Power Cooperative, Inc. 2010 REST Plan as specified in this order.

ORDER

IT IS THEREFORE ORDERED that the Arizona Electric Power Cooperative, Inc. 2010 REST Plan is approved as specified herein.

IT IS FURTHER ORDERED that the Arizona electric Power Cooperative, Inc. 2010 REST budget of \$1,624,349 is hereby approved.

IT IS FURTHER ORDERED that the current PBI incentive levels remain in effect until further Order of the Commission.

IT IS FURTHER ORDERED that AEPCO be allowed to transfer any allocated funds not used by a particular program to any other program during the Implementation Plan year.

IT IS FURTHER ORDERED that the participating Cooperatives amend their SunWatts Residential and Commercial Rebate Program reservation process to allow customers the option to assign the SunWatts credit purchase payment to the installer, if they choose.

IT IS FURTHER ORDERED that Arizona Electric Power Cooperative, Inc. shall participate in the creation of a new "Go Solar Arizona" web site, and Arizona Electric Power Cooperative, Inc. shall seek the participation of all ACC-regulated utilities for the purpose of joint operation of the web-site. The web-site will provide Arizonans at a minimum information regarding the availability of all residential solar incentives, including utility rebates offered through the REST, and state and federal tax credits; information about the RES; information regarding the status of Arizona Electric Power Cooperative, Inc. in meeting the Standard; information regarding the location, by postal zip code, of residential and commercial and utility scale systems statewide, and any "solar calculator" that is created by Arizona Electric Power Cooperative, Inc.

IT IS FURTHER ORDERED that Arizona Electric Power Cooperative, Inc. shall make publicly available, if applicable, twice monthly, via the new "Go Solar Arizona" web site at least the following information: the reservation request review date; the incentive program under which the incentive is being offered; the amount of the incentive offered; the size and nature of the systems (whether commercial or residential); the step in the reservation process each system is in at the time it is posted; total cost of the system; nameplate rating of the system; current incentive application status; and the name of the installer of the system.

IT IS FURTHER ORDERED that Utilities Division Staff shall annually file each November 1st beginning in 2010, a memorandum stating whether the Go Solar Arizona website is in compliance with this Decision, and if the website is not in compliance, Staff shall list the reasons why.

...

...

. ∦. . .

Decision No. 71451

IT IS FURTHER ORDERED that each participating Cooperative's Customer Self-Directed Tariff and the Voluntary RES Contribution Program Tariff, currently on file with the Commission, remain in effect until further Order of the Commission.

IT IS FURTHER ORDER	LED that this Order shall become effective immediately.
BY THE ORDER OF T	HE ARIZONA CORPORATION COMMISSION
2.m	Cand Suin
CHAIRMAN	COMMISSIONER
Bank Man /	Il Se Santra A. France
COMMISSIONER	COMMISSIONER COMMISSIONER
	IN WITNESS WHEREOF, I ERNEST G. JOHNSON, Executive Director of the Arizona Corporation Commission, have hereunto, set my hand and caused the official seal of this Commission to be affixed at the Capitol, in the City of Phoenix, this day of January, 2010. ERNEST G. JOHNSON EXECUTIVE DIRECTOR
DISSENT:	
DISSENT:	
SMO:CLA:lhm\WVC	

Decision No. 71451

28

Decision No. _____71451

Exhibit

"4"

BEFORE THE ARIZONA CORPORATION COMMISSION

1	DEFORE THE ARIZONA CORFORATION COMMISSION
3 4	KRISTIN K. MAYES Chairman GARY PIERCE Commissioner PAUL NEWMAN Chairman Afizona Corporation Commission DOCKETED JAN - 6 2010
5	Commissioner SANDRAD VENNEDV
6	Commissioner BOB STUMP
7	Commissioner
8	IN THE MATTER OF THE APPLICATION) DOCKET NO. E-01461A-09-0449
9	OF TRICO ELECTRIC COOPERATIVE, INC. FOR APPROVAL OF RENEWABLE DECISION NO. 71453
10	ENERGY STANDARD TARIFF ORDER
11	\
12	· ·
13 14	Open Meeting December 22, 2009 Phoenix, Arizona
15	BY THE COMMISSION:
16	<u>FINDINGS OF FACT</u>
17	1. Trico Electric Cooperative, Inc. ("Trico" or "Company") is certificated to provide
18	electricity as a public service corporation in the State of Arizona.
19	Background
20	2. On February 27, 2008, the Arizona Corporation Commission ("Commission
21	issued Decision No. 70168 which approved Trico Electric Cooperative, Inc.'s ("Trico
22	application for approval of its Renewable Energy Standard ("RES") Tariff. Trico's RES Tar
23	was associated with Arizona Electric Power Cooperative, Inc.'s ("AEPCO") Amended a

2. On February 27, 2008, the Arizona Corporation Commission ("Commission") issued Decision No. 70168 which approved Trico Electric Cooperative, Inc.'s ("Trico") application for approval of its Renewable Energy Standard ("RES") Tariff. Trico's RES Tariff was associated with Arizona Electric Power Cooperative, Inc.'s ("AEPCO") Amended and Restated REST Plan ("Restated Plan") which was approved on July 30, 2007, in Decision No. 69728. AEPCO's Plan was filed on behalf of four of its Arizona member distribution cooperatives. The four distribution cooperatives were Trico, Duncan Valley Electric Cooperative, Inc. ("Duncan Valley"), Graham County Electric Cooperative, Inc. ("Graham County"), and Mohave Electric Cooperative, Inc. ("Mohave").

3. On September 18, 2009, Trico filed its application for approval of its RES Tariff associated with AEPCO's 2010 REST Plan filed on June 30, 2009 (AEPCO filed its Amended and Restated 21010 REST Plan on November 6, 2009) and pursuant to Arizona Administrative Code ("A.A.C.") R14-2-1808. In addition, Trico is also submitting its proposed budget of \$1,233,442 for its portion of the Restated Plan. Duncan Valley and Graham County have also submitted separate tariffs which include each Cooperative's individual budget for its portion of the Restated Plan. Trico's current RES Tariff was approved by the Commission on February 27, 2008, in Decision No. 70168. Decision No. 68073 established an adjustor mechanism for renewable energy costs.

Tariffs

- 4. Staff has reviewed Trico's proposed RES Tariff which was filed in association with the AEPCO 2010 Restated Plan. Trico's proposed RES Tariff sets forth the surcharge rates and monthly maximums to be collected to fund its annual budget for 2010. The proposed tariff includes a surcharge of \$0.001663 per kWh for governmental and agricultural members/customers, which is an increase from the current REST surcharge of \$0.000875. The proposed monthly maximums for governmental and agricultural member/customers are \$24.70 per service and \$74.10 per service for governmental and agricultural members/customers whose demand is 3,000 kW or more for three consecutive months.
- 5. For residential and non-residential members/customers, Trico is proposing a surcharge of \$0.009477 per kWh, which is an increase from the current REST surcharge of \$0.004988. The proposed monthly maximum per service for residential members/customers is \$2.00. Trico is proposing a \$74.10 per service monthly maximum for non-residential members/customers. For non-residential members/customers whose demand is 3,000 kW or more for three consecutive months, the proposed monthly maximum is \$222.30 per service. The proposed kWh surcharges and monthly maximums ("caps") for Trico's proposed tariff, compared to the current REST maximums, are:

ľ	
2	
3	
4	
5	

	C	Current	Pr	oposed
Customer Class/Category	Existing Surcharges	Existing Maximums/Caps	Proposed Surcharges	Proposed Maximums/Caps
Residential	\$0.004988	\$ 1.05	\$0.009477	\$2.00
Governmental & Agricultural	\$0.000875	\$ 13.00	\$0.001663	\$24.70
Governmental & Agricultural >3MW	\$0.000875	\$ 39.00	\$0.001663	\$74.10
Non-Residential	\$0.004988	\$ 39.00	\$0.009477	\$74.10
Non-Residential >3MW	\$0.004988	\$ 117.00	\$0.009477	\$222.30

16 17

18

15

19 20

21 22

23

24 25

26

27 28

Trico is also proposing to introduce a \$50.00 Inspection Fee. According to Trico's 6. proposed tariff, the charge would be associated with the second inspection and subsequent The Inspection Fee would cover the increased costs associated with repeated inspections. inspections due to improper installations that do not meet the Cooperative's requirements. In addition, Trico has indicated that the costs of the additional inspections would be paid out of REST funds and allocated as administrative expenses. However, Trico did not provide information as to whether the costs for the proposed Inspection Fee would include labor costs for employees that are already being paid out of base rates. Staff does not believe that costs for the Inspection Fee should be included in the REST budget. Therefore, Staff does not believe that the proposed Inspection Fee is in the public interest.

The following table provides examples of sample Trico customers and the impact 7. customers can expect to see.

Monthly Bill Impact

	141011	ting Dist ampact		
Sample Customers	Average kWh	Current REST	Proposed REST	Difference
Farm	8,666	\$7.58	\$14,41	\$6.83
Convenience Store	18,133	\$39.00	\$74.10	\$35.10
Drug Store	271,280	\$39.00	\$74.10	\$35.10
Town of Sahuarita	141,380	\$13.00	\$24.70	\$11.70
Residential Customer	1.068	\$1.05	\$2.00	\$0.95

Trico has calculated that its RES Tariff will collect the following funds, by 8. customer category:

RES Tariff Funding from Proposed Surcharge

	Total \$	% Reaching Cap
Residential	\$859,316	91%
Governmental & Agricultural	\$85,782	16%
Governmental & Agricultural >3MW		0%
Commercial & Industrial	\$288,344	11%
Commercial & Industrial >3MW	-	0%
Total	\$1,233,442	

9. Trico believes that the surcharge rates and the monthly maximums proposed in Trico's RES Tariff will be sufficient to fund its annual budget for 2010.

3

4 5

6

7

8

10

11

12

13

14

15

16

17

18

19

20

21

22

23 24

25

26

27

28

10. Trico is not filing a revised Voluntary RES Contribution Program Tariff. The program allows members/customers to purchase 50 kWh blocks of green energy for an additional \$2.00 per block. In addition, Trico is not filing a revised Customer Self-Directed Tariff. Trico's current Customer Self-Directed Tariff allows eligible non-residential members/customers with multiple meters that pay more than \$25,000 annually in RES Surcharge funds to receive funds

from the Cooperative to install Distributed Renewable Energy Resources.

Budget

According to Trico, the RES funding from the RES surcharge is estimated to be a 11. total of \$1,233,442. The AEPCO Restated Plan includes a total surcharge budget of \$1,624,349. Trico's \$1,233,442 fund plus the remaining two cooperatives' funds (Duncan Valley and Graham County) come to a total of \$1,626,653, according to information provided by each Cooperative. There is a difference of \$2,304 between the proposed total AEPCO fund amount and the total estimated amount based on information provided by each Cooperative. According to AEPCO, the Cooperatives do not anticipate any funds from 2009 will be carried over into 2010.

Response to American Solar Electric, Inc.

- 12. On September 15, 2009, American Solar Electric, Inc. ("ASE") filed a letter in Docket No. E-01773A-09-0335 expressing several concerns it had with the 2010 REST Plan filed by AEPCO and specifically Trico's administration of the Rebate Program. According to ASE, it has a considerable customer base in Trico's service territory. As of the date of the ASE's letter, ASE indicated that it has twenty-four residential customer contracts at varying stages of completion which represent 150 kW of residential PV capacity.
- ASE's letter also addresses its concerns with Trico's reservation process and 13. AEPCO's compliance with A.A.C. R14-2-1804 and R14-2-1805 of the REST Rules. Staff notes that A.A.C. R14-2-1814 substitutes for R14-2-1804 and R14-2-1805 upon Commission approval of an electric cooperative's REST Plan. First, ASE's letter stated that under Trico's current process, a customer must submit the request for a reservation, a signed contract, building permit,

71453 Decision No.

system design schematic, and the application for interconnection, all in one package, without guarantee that funds have been reserved. Second, ASE's letter indicated that Trico does not provide adequate notice to customers regarding the status of a project approval.

- Program was out of money and would no longer be accepting reservations for incentives for the remainder of 2009." However, appendix 1 and 2 of ASE's letter which are printed pages from Trico's website do not indicate that Trico "would no longer be accepting reservations for incentives for the remainder of 2009." Trico's website indicated that "...rebate funds for 2009 have been exhausted. Trico's rebate program is suspended until additional rebate monies are available." Staff understands this statement to explain that Trico is currently unable to provide incentives due to the lack of available funding for the Rebate Program. Staff does not believe that Trico's website indicated that it would no longer be accepting reservations for incentives. Trico has since revised its website to indicate that although funds have been exhausted, Trico is accepting reservations and the website provides an email address for questions.
- Cooperatives follow the general outline of the Uniform Credit Purchase Program ("UCPP"). AEPCO has indicated that after a customer submits an enrollment form to the Cooperative, it is evaluated and determined if the requested project is eligible and if the enrollment form is complete with the required information. If it is determined that a project is not eligible or an enrollment form is in some way deficient, the Cooperative then notifies the customer of the application status and allows them to resubmit the necessary materials. If the enrollment form is sufficient and the project is eligible, it is then put on the Cooperative's reservation list (which has only recently been implemented due to the shortage of funds). All projects put on the reservation list would be funded in the order they were put on the list as additional funding becomes available. A customer is then notified if their project has been placed on the reservation list and informed that they must complete an interconnection agreement, submit a system schematic, provide copies of the project estimate, and supply all permits within sixty days of the project being accepted. Once a system is

installed, it is inspected by the Cooperative and interconnection verified. Finally, once a system passes inspections, the Cooperative processes the incentive, pending funding availability.

- 16. AEPCO has further indicated that projects eligible for PBIs also submit an enrollment form which is evaluated in the same manner as those projects eligible for UFIs. With projects eligible for PBIs, however, once these projects are accepted by the Cooperative, the project is then put in a queue to compete against other projects in a competitive process. Projects are evaluated on a quarterly basis and are supported until funds for that period are no longer available.
- 17. Finally, ASE's letter makes the following recommendations regarding Trico's reservation process:
 - a. Trico's reservation process should make changes to conform to Arizona Public Service Company's ("APS") process: only a reservation request, signed contract or quote, and document assigning payment to the installer should be required in order to reserve incentive funds for the project;
 - b. Trico should allow the customer the option to assign the SunWatts credit purchase payment to the installer, rather than paying the customer directly;
 - c. Within 5 business days of receipt of a reservation request, Trico should provide the installer and customer with a confirmation notice that funds are reserved;
 - d. Within 10 business days of receipt of an interconnection application and system design schematic, Trico should provide the installer and customer a written notice of application status or a written Utility Design Approval ("UDA") letter
 - e. Within 5 business days of receipt of Authority Having Jurisdiction ("AHJ") clearance, Trico should provide the installer and customer a written notice with a schedule for system commissioning and meter swap; and
 - f. Trico should publish a quarterly REST compliance report modeled on the APS Quarterly Compliance Report.
- 18. Staff believes that the Cooperatives' reservation process described above is appropriate and does not believe the recommendations proposed by ASE are necessary. The reservation process has only recently been implemented due to the shortage of funds. However, Staff does agree that the Cooperatives should allow customers the option to assign the incentive payments to the installer, if they so choose. Staff notes that according to the Cooperatives, Duncan Valley does allow customers the option to assign incentive payments to the installer.

2

3

4

5 6

7 8

9

10 11

12

13 14

15

16 17

18

19 20

21 22

23 24

25

26

27 28 Recommendations

- 19. Staff has reviewed Trico's proposed tariffs and finds that they are consistent with A.A.C. R14-2-1808, R14-2-1809(A), and Appendix A: Sample Tariff of the Renewable Energy Standard and Tariff Rules. Staff has recommended the following:
 - Approval of Trico's Renewable Energy Standard Tariff; a.
 - b. Trico removes the \$50.00 Inspection Fee from its Renewable Energy Standard Tariff;
 - Trico's Voluntary Renewable Energy Standard Contribution Program Tariff, currently on file with the Commission, remains in effect until further Order of the Commission; and
 - Trico's Customer Self-Directed Tariff, currently on file with the Commission, remains in effect until further Order of the Commission.
 - Trico file a revised RES Tariff consistent with the Decision in this matter within 15 days of the effective date of the Decision.
 - The Cooperatives should allow customers the option to assign the incentive payments f. to the installer, if they so choose
- 20. The Commission remains concerned that Arizona utilities are not adequately promoting and marketing to homeowners the availability of REST funds for residential distributed solar projects. While we appreciate and approve of the Trico's outreach efforts, we would like to see the Company go further. Specifically, we believe it is in the public interest for Trico to participate in creating a joint website to be titled "Go Solar Arizona" with other ACC-regulated electric utilities that would make available to Arizonans at a minimum, information regarding the availability of all residential and commercial solar incentives, including utility rebates offered through the REST, as well as applicable state and federal tax credits; information about the RES; information regarding any relevant Commission sponsored workshops on renewable energy; information regarding the status of the utility's efforts toward meeting the RES; and information regarding the geographical location of residential and commercial and utility scale systems in the Company's service territory.
- 21. Moreover, we believe this web site should make available twice monthly on the new web site at least following information: the reservation request review date; the incentive

4

program under which the incentive is being offered; the amount of the incentive offered; the size and nature of the systems (whether commercial or residential); the step in the reservation process each system is in at the time it is posted; total cost of the system; nameplate rating of the system; current incentive application status; and the name of the installer of the system. We believe that providing this information will increase the transparency of the REST, provide customers and installers with greater information regarding the status of system reservations, and encourage competition among installers, thus benefiting ratepayers.

Renewable Reporting

22. The Commission is concerned that the current renewable reporting requirements provide insufficient detail on the progress of Trico's programs for the Commission and the public to accurately assess the Company's efforts toward meeting the REST. Access to information on a more regular basis would better inform the public and greatly improve monitoring of REST progress.

CONCLUSIONS OF LAW

- 1. Trico Electric Cooperative, Inc. is an Arizona public service corporation within the meaning of Article XV, Section 2, of the Arizona Constitution.
- 2. The Commission has jurisdiction over Trico Electric Cooperative, Inc. and over the subject matter of the Application.
- 3. The Commission, having reviewed the application and Staff's Memorandum dated December 2, 2009, concludes that it is in the public interest to approve the Trico RES Tariff, as specified in this order.

ORDER

IT IS THEREFORE ORDERED that the Trico Electric Cooperative, Inc. RES Tariff is hereby approved as discussed herein.

IT IS FURTHER ORDERED that Trico Electric Cooperative, Inc. shall file with Docket Control, as a compliance matter in this case, tariff pages consistent with the terms of the Commission's Decision within 15 days from the effective date of the Decision.

IT IS FURTHER ORDERED that Trico Electric Cooperative, Inc. shall participate in the

Decision No. <u>71453</u>

creation of a new "Go Solar Arizona" web site, and Trico Electric Cooperative, Inc. shall seek the participation of all ACC-regulated utilities for the purpose of joint operation of the web-site. The web-site will provide Arizonans at a minimum information regarding the availability of all residential solar incentives, including utility rebates offered through the REST, and state and federal tax credits; information about the RES; information regarding the status of Trico Electric Cooperative, Inc. in meeting the RES; information regarding the location of, by postal zip code, residential and commercial and utility scale systems statewide, and any "solar calculator" that is created by Trico Electric Cooperative, Inc.

IT IS FURTHER ORDERED that Trico Electric Cooperative, Inc. shall make publicly available, twice monthly, via the new "Go Solar Arizona" web site at least the following information: the reservation request review date; the incentive program under which the incentive is being offered; the amount of the incentive offered; the size and nature of the systems (whether commercial or residential); the step in the reservation process each system is in at the time it is posted; total cost of the system; nameplate rating of the system; current incentive application status; and the name of the installer of the system.

IT IS FURTHER ORDERED that Utilities Division Staff shall annually file each November 1st beginning in 2010, a memorandum stating whether the Go Solar Arizona website is in compliance with this Decision, and if the website is not in compliance, Staff shall list the reasons why.

. . .

. . .

]...

8 | . . .

Decision No. 71453

IT IS FURTHER ORDERED that Trico Electric Cooperative, Inc. shall disclose, on a quarterly basis via their website, their annual progress to date in meeting the annual REST requirement. At a minimum, Trico Electric Cooperative, Inc. shall disclose i) total and program year-to-date numbers of Megawatts and systems installed, broken out by technology type and residential and non-residential categories and ii) total amounts of monies remaining for the current program year with breakouts for residential and non-residential categories. Trico Electric Cooperative, Inc. shall provide this information going forward and additionally break out this information on a historical basis to date.

BY

IT IS FURTHER ORDER	ED that this Order shall be	come effective immediate	ly.
BY THE ORDER OF	THE ARIZONA CORPO	DRATION COMMISSIO	N
2m	9	and Sur	
CHAIRMAN	C	OMM/SSIQNÈR	
Ruchless	• •	Landra St.	Kindy
COMMISSIONER	COMMISSIONER	COMMIS	SIONER
	Executive Director of have hereunto, set my this Commission to be	the Arizona Corporation (hand and caused the off affixed at the Capitol, in day of Manual	Commission, ficial seal of the City of
	ERNEST G. JOHNSO EXECUTIVE DIRECT		
DISSENT:			
DISSENT:			
SMO:CLA:lhm\MAS			

Decision No. 71453

Page 11

1 SERVICE LIST FOR: Trico Electric Cooperative, Inc. DOCKET NO. E-01461A-09-0449

2

3

Mr. John Wallace Grand Canyon State Electric Cooperative Association, Inc. 120 North 44th Street, Suite 100 Phoenix, Arizona 85034

5

4

6

7

Mr. Steven M. Olea Director, Utilities Division

Arizona Corporation Commission 8 1200 West Washington Street Phoenix, Arizona 85007

Ms. Janice Alward

Chief Counsel, Legal Division

Phoenix, Arizona 85007

Arizona Corporation Commission 1200 West Washington Street

9

10

11

12

13

14 15

16

17

18

19

20

21 22

23

24

25

26

27

28

Exhibit

"5"

Application Date Installation Date Address 12/14/2009 3/24/2010 38261 S. Lake Crest Drive, Tucson, AZ 85739 12/21/2009 3/5/2010 362 N. Slate Drive, Vail, AZ 85629 1/27/2010 3/4/2010 RO Box 1641, Sahuarita, AZ 85629 1/27/2010 3/4/2010 (16651 S. Lone Heart Road, on Complaint) 7/8/2009 12/12/2009 16391 W. Boots Place, Tucson, AZ 85736 7/27/2009 11/11/2009 269 E. Forrest Freezer Street, Vail, AZ 85641 11/11/2009 12/4/2009 17561 S. Indigo Crest Pass, Vail, AZ 85641 10/16/2009 2/5/2010 201 N. Suntran Drive, Vail, AZ 85641 201 N. Suntran Drive, Vail, AZ 85641 201 N. Suntran Drive, Vail, AZ 85641		Rebate Amount		Laid D
3/5/2010 38261 S. 3/5/2010 362 N. SI PO Box 1 3/4/2010 (16651 S 12/12/2009 16391 W. 11/11/2009 269 E. Fc 12/4/2009 17561 S. 1/5/2010 1047 W. Si 2/5/2010 201 N. Si 2/	Queue #	(per Trico)	Letter Estimated Rebate	(Y/N)
3/5/2010 362 N. SI PO Box 1 3/4/2010 (16651 S 12/12/2009 16391 W 11/11/2009 269 E. Fc 12/4/2009 17561 S. 2/5/2010 2011 St	39 110	\$ 15,640.00	2011 Timeframe	Z
3/4/2010 (16651 S 12/12/2009 16391 W 11/11/2009 269 E. Fc 12/4/2009 17561 S. 2/5/2010 1047 W. St	121	\$ 12,900.00	2011 Timeframe	Z
3/4/2010 (16651 S 12/12/2009 16391 W 11/11/2009 269 E. Fc 12/4/2009 17561 S. 1/5/2010 1047 W. St				
12/12/2009 16391 W. 11/11/2009 269 E. Fc 12/4/2009 17561 S. 1/5/2010 1047 W. 2/5/2010 201 N. St. 2/5/2010	141	\$ 25,600.00	September/October 2011	Z
12/4/2009 269 E. Fc 12/4/2009 17561 S. 1/5/2010 1047 W. 2/5/2010 201 N. St	33	\$ 16,000.00	May/June 2010	Y (6/10)
1/5/2010 17561 S. 2/5/2010 201 N. St	1 37	\$ 24,300.00	June/July 2010	Z
2/5/2010 1047 W. 2/5/2010 201 N. St.	36	\$ 8,400.00	June/July 2010	Z
2/5/2010	, AZ 85614 81	\$ 17,200.00	Late 2010 to early 2011	Z
0/2/2010	73	\$ 19,640.25	Late 2010 to early 2011	Z
0107/07	85739 32	\$ 7,095.00	May/June 2010	Y (6/10)
		\$ 146,775.25		

Exhibit

"6"





December 18, 2009

Bill Rigg 38261 S, Lake Crest Drive Tucson, AZ 85739

RE: Trico Sunwatts Program Application # 110

Dear Bill Rigg:

Trico Electric Cooperative, Inc.'s (Trico) has received and confirmed your SunWatts renewable generation program rebate application dated December 14, 2009.

The Trico SunWatts program participation has grown tremendously, particularly in the second half of 2009. This growth has resulted in a depletion of available Renewable Energy Standard & Tariff (REST) surcharge funds available for rebates. To meet the increase in rebate requests, Trico has submitted its 2010 REST Plan to the Arizona Corporation Commission, which includes an increase to the surcharge and a decrease in the rebate amount provided to each system. This revised plan will help Trico to adequately fund the SunWatts rebate program and provide rebate funds to more members wanting to participate. All applications (including yours) received prior to the effective date of the 2010 REST Plan will continue to receive funding at the levels of the current 2009 REST Plan.

To allocate the rebate funds on a first come basis, Trico has implemented a rebate reservation waiting list. Trico has placed your rebate request on the reservation waiting list based your application date. Your rebate is currently number 110 on the list. Trico estimates that it will not have funding available for your rebate until the 2011 timeframe.

In order to maintain your position on the reservation waiting list you will need to provide Trico proof of advancement, within 60 days of your application date. This includes such items as Contractor selection and an estimate of your projects cost. You will also need to complete your SunWatts project installation and have your system ready for inspection within six months of your application date. If you lose your position in the reservation list you will have the option to reapply for funding with the requirements and restrictions of the Trico REST Plan then in effect.

If you have any questions or concerns, please contact Trico's Sunwaits Desk at 520-744-2944 ext. 1524 or via email at sunwaits@urico.coop.

Sincerely,

Karen J. Cathers

Chief Operating Officer

7h J. Cether





January 11, 2010

Frank & Diane Bowles 362 N. Slate Drive Vail, AZ 85641

RE: Trico Sunwatts Program Application #121

Dear Frank & Diane Bowles:

Trico Electric Cooperative, Inc.'s (Trico) has received and confirmed your SunWatts renewable generation program rebate application dated December 21, 2009.

The Trico SunWatts program participation has grown tremendously, particularly in the second half of 2009. This growth has resulted in a depletion of available Renewable Energy Standard & Tariff (REST) surcharge funds available for rebates. To meet the increase in rebate requests, Trico has submitted its 2010 REST Plan to the Arizona Corporation Commission, which includes an increase to the surcharge and a decrease in the rebate amount provided to each system. This revised plan will help Trico to adequately fund the SunWatts rebate program and provide rebate funds to more members wanting to participate. All applications (including yours) received prior to the effective date of the 2010 REST Plan will continue to receive funding at the levels of the current 2009 REST Plan.

To allocate the rebate funds on a first come basis, Trico has implemented a rebate reservation waiting list. Trico has placed your rebate request on the reservation waiting list based your application date. Your rebate is currently number 121 on the list. Trico estimates that it will not have funding available for your rebate until the 2011 timeframe.

In order to maintain your position on the reservation waiting list you will need to provide Trico proof of advancement, within 60 days of your application date. This includes such items as Contractor selection and an estimate of your projects cost. You will also need to complete your SunWatts project installation and have your system ready for inspection within six months of your application date. If you lose your position in the reservation list you will have the option to reapply for funding with the requirements and restrictions of the Trico REST Plan then in effect.

If you have any questions or concerns, please contact Trico's Sunwatts Desk at 520-744-2944 ext. 1524 or via email at sunwatts@trico.coop.

Sincerely,

Karen J. Cathers

Chief Operating Officer





3/12/2010

ANTHONY W WHITE PO BOX 1641 SAHUARITA, AZ 85629

RE: Trico SunWatts Program Application # 141

Dear SunWatts Program Applicant:

This letter is to provide you documentation that Trico Electric Cooperative, Inc.'s (Trico) has received and confirmed your SunWatts renewable generation program rebate application dated 1/27/2010.

The Trico SunWatts program participation has grown tremendously, particularly in the second half of 2009. This growth has resulted in a depletion of available Renewable Energy Standard & Tariff (REST) surcharge funds available for rebates. To meet the increase in rebate requests, Trico has included in its 2010 REST Plan approved by the Arizona Corporation Commission, an increase to the surcharge and a decrease in the rebate amount provided to each system. This revised plan will help Trico to provide rebate funds to more members wanting to participate in the SunWatts program. Your application received after to the effective date of the 2010 REST Plan will receive funding at the levels of the current 2010 REST Plan.

To allocate the rebate funds on a first come basis, Trico has implemented a rebate reservation waiting list. Trico has placed your rebate request on the reservation waiting list based your application date. Your rebate is currently number 141 on the list. Trico estimates the current wait time for rebate funding is approximately twenty months from the time of reserving your position on the reservation waiting list.

If you have any questions or concerns, please contact Trico's Sunwatts Desk at 520-744-2944 ext. 1524 or via email at <u>sunwatts@trico.coop</u>.

Sincerely,

Karen J. Cathers

Chief Operating Officer

The J. Cother





September 22, 2009

Dusty Rayhel 16391 W. Boots Place Tucson, AZ 85736

Re: Trico's SunWatts Program

Dear Dusty Rayhel,

Trico Electric Cooperative, Inc.'s ("Trico") has had a very successful year for its SunWatts Rebate Program ("Rebate Program"), receiving an unprecedented number of applications. Although we are pleased that the Rebate Program has gained popularity, we regretfully provide this notice that the funds allocated for the Rebate Program are temporarily exhausted.

Funding for the Rebate Program comes from the Renewable Energy Standard Tariff (REST), a surcharge placed on all members' bills. Trico pays SunWatts rebates as long as surcharge funds remain available. Due to a current shortage of SunWatts funds you may have a delay in receiving your rebate once the system is inspected. Pending approval from the Arizona Corporation Commission, Trico hopes to increase REST Surcharge collection in the near future.

Trico plans to provide funding first to those systems that have already received inspection. For applications received to date but not yet inspected, Trico has implemented a reservation process in which all applications have been placed in a queue for funding once inspection occurs based on the date of the application. Applicants must complete their inspection within six months of the application date to maintain your reservation.

If you have any questions or concerns, please contact Trico's SunWatts Desk at 520-744-2944, ext. 1524 or via email at sunwatts@trico.coop.

Sincerely,

Karen J. Cathers

729 - Cuthe





December 14, 2009

Dusty & Rhonda Rayhel 16391 W. Boots Place Tucson, AZ 85736

RE: Trico SunWatts Program Application #33

Dear Dusty & Rhonda Rayhel:

Trico Electric Cooperative, Inc.'s (Trico) has received and confirmed your SunWatts renewable generation program rebate application dated July 8, 2009.

The Trico SunWatts program participation has grown tremendously, particularly in the second half of 2009. This growth has resulted in a depletion of available Renewable Energy Standard & Tariff (REST) surcharge funds available for rebates. To meet the increase in rebate requests, Trico has submitted its 2010 REST Plan to the Arizona Corporation Commission, which includes an increase to the surcharge and a decrease in the rebate amount provided to each system. This revised plan will help Trico to adequately fund the SunWatts rebate program and provide rebate funds to more members wanting to participate. All applications (including yours) received prior to the effective date of the 2010 REST Plan will continue to receive funding at the levels of the current 2009 REST Plan.

To allocate the rebate funds on a first come basis, Trico has implemented a rebate reservation waiting list. Trico has placed your rebate request on the reservation waiting list based your application date. Your rebate is currently number 33 on the list. Trico estimates that it will have funding available to provide the rebate for your project in the May 2010 timeframe.

In order to maintain your position in the reservation waiting list you will need to complete your SunWatts project installation and have your system ready for inspection within six months of the funding being reserved for your system.

If you have any questions or concerns, please contact Trico's Sunwatts Desk at 520-744-2944 ext. 1524 or via email at <u>sunwatts@trico.coop</u>.

Sincerely,

Har J. Cathers





September 22, 2009

Douglass & Andrea Kinnison 269 E. Forrest Freezer Street Vail, AZ 85641

Re: Trico's SunWatts Program

Dear Douglass & Andrea Kinnison,

Trico Electric Cooperative, Inc.'s ("Trico") has had a very successful year for its SunWatts Rebate Program ("Rebate Program"), receiving an unprecedented number of applications. Although we are pleased that the Rebate Program has gained popularity, we regretfully provide this notice that the funds allocated for the Rebate Program are temporarily exhausted.

Funding for the Rebate Program comes from the Renewable Energy Standard Tariff (REST), a surcharge placed on all members' bills. Trico pays SunWatts rebates as long as surcharge funds remain available. Due to a current shortage of SunWatts funds you may have a delay in receiving your rebate once the system is inspected. Pending approval from the Arizona Corporation Commission, Trico hopes to increase REST Surcharge collection in the near future.

Trico plans to provide funding first to those systems that have already received inspection. For applications received to date but not yet inspected, Trico has implemented a reservation process in which all applications have been placed in a queue for funding once inspection occurs based on the date of the application. Applicants must complete their inspection within six months of the application date to maintain your reservation.

If you have any questions or concerns, please contact Trico's SunWatts Desk at 520-744-2944, ext. 1524 or via email at sunwatts@trico.coop.

Sincerely,

Karen J. Cathers

76 1. atten





December 14, 2009

Douglas & Andrea Kinnison 269 E. Forrest Feezor Street Vail, AZ 85641

RE: Trico SunWatts Program Application # 37

Dear Douglas & Andrea Kinnison:

Trico Electric Cooperative, Inc.'s (Trico) has received and confirmed your Sunwatts renewable generation program rebate application. In addition, Trico received notification that your system installation is completed and ready for inspection on November 11, 2009.

The Trico SunWatts program participation has grown tremendously, particularly in the second half of 2009. This growth has resulted in a depletion of available Renewable Energy Standard & Tariff (REST) surcharge funds available for rebates. To meet the increase in rebate requests, Trico has submitted its 2010 REST Plan to the Arizona Corporation Commission, which includes an increase to the surcharge and a decrease in the rebate amount provided to each system. This revised plan will help Trico to adequately fund the SunWatts rebate program and provide rebate funds to more members wanting to participate. All applications (including yours) received prior to the effective date of the 2010 REST Plan will continue to receive funding at the levels of the current 2009 REST Plan.

To allocate the rebate funds on a first come basis, Trico has implemented a rebate reservation waiting list. Trico has placed your rebate request on the reservation waiting list based on the date your system was completed and ready for inspection. Your rebate is currently number 37 on the list. Trico estimates that it will have funding available to provide the rebate for your project in the June 2010 timeframe.

If you have any questions or concerns, please contact Trico's SunWatts Desk at 520-744-2944 ext. 1524 or via email at sunwatts@trico.coop.

Sincerely.

Karen J. Cathers





September 22, 2009

William & Daynne Sobeck 17561 S. Indigo Crest Pass Vail, AZ 85641

Re: Trico's SunWatts Program

Dear William & Daynne Sobeck,

Trico Electric Cooperative, Inc.'s ("Trico") has had a very successful year for its SunWatts Rebate Program ("Rebate Program"), receiving an unprecedented number of applications. Although we are pleased that the Rebate Program has gained popularity, we regretfully provide this notice that the funds allocated for the Rebate Program are temporarily exhausted.

Funding for the Rebate Program comes from the Renewable Energy Standard Tariff (REST), a surcharge placed on all members' bills. Trico pays SunWatts rebates as long as surcharge funds remain available. Due to a current shortage of SunWatts funds you may have a delay in receiving your rebate once the system is inspected. Pending approval from the Arizona Corporation Commission, Trico hopes to increase REST Surcharge collection in the near future.

Trico plans to provide funding first to those systems that have already received inspection. For applications received to date but not yet inspected, Trico has implemented a reservation process in which all applications have been placed in a queue for funding once inspection occurs based on the date of the application. Applicants must complete their inspection within six months of the application date to maintain your reservation.

If you have any questions or concerns, please contact Trico's SunWatts Desk at 520-744-2944, ext. 1524 or via email at sunwatts@trico.coop.

Sincerely,

Karen J. Cathers

The J. Coth





December 14, 2009

William & Daynne Sobeck 17561 S. Indigo Crest Pass Vail, AZ 85641

RE: Trico SunWatts Program Application #36

Dear William & Daynne Sobeck:

Trico Electric Cooperative, Inc.'s (Trico) has received and confirmed your SunWatts renewable generation program rebate application dated July 27, 2009.

The Trico SunWatts program participation has grown tremendously, particularly in the second half of 2009. This growth has resulted in a depletion of available Renewable Energy Standard & Tariff (REST) surcharge funds available for rebates. To meet the increase in rebate requests, Trico has submitted its 2010 REST Plan to the Arizona Corporation Commission, which includes an increase to the surcharge and a decrease in the rebate amount provided to each system. This revised plan will help Trico to adequately fund the SunWatts rebate program and provide rebate funds to more members wanting to participate. All applications (including yours) received prior to the effective date of the 2010 REST Plan will continue to receive funding at the levels of the current 2009 REST Plan.

To allocate the rebate funds on a first come basis, Trico has implemented a rebate reservation waiting list. Trico has placed your rebate request on the reservation waiting list based your application date. Your rebate is currently number 36 on the list. Trico estimates that it will have funding available to provide the rebate for your project in the June 2010 timeframe.

In order to maintain your position in the reservation waiting list you will need to complete your SunWatts project installation and have your system ready for inspection within six months of the funding being reserved for your system.

If you have any questions or concerns, please contact Trico's Sunwatts Desk at 520-744-2944 ext. 1524 or via email at sunwatts@trico.coop.

Sincerely,

Karen J. Cathers

Haren J. Cathere





December 14, 2009

Charles Smith 1047 W. Camino Del Desierto Green Valley, AZ 85614

RE: Trico Sunwatts Program Application #81

Dear Charles Smith:

Trico Electric Cooperative, Inc.'s (Trico) has received and confirmed your SunWatts renewable generation program rebate application dated November 17, 2009.

The Trico SunWatts program participation has grown tremendously, particularly in the second half of 2009. This growth has resulted in a depletion of available Renewable Energy Standard & Tariff (REST) surcharge funds available for rebates. To meet the increase in rebate requests, Trico has submitted its 2010 REST Plan to the Arizona Corporation Commission, which includes an increase to the surcharge and a decrease in the rebate amount provided to each system. This revised plan will help Trico to adequately fund the SunWatts rebate program and provide rebate funds to more members wanting to participate. All applications (including yours) received prior to the effective date of the 2010 REST Plan will continue to receive funding at the levels of the current 2009 REST Plan.

To allocate the rebate funds on a first come basis, Trico has implemented a rebate reservation waiting list. Trico has placed your rebate request on the reservation waiting list based your application date. Your rebate is currently number 81 on the list. Trico estimates that it will not have funding available for your rebate until the late 2010 to early 2011 timeframe.

In order to maintain your position on the reservation waiting list you will need to provide Trico proof of advancement, within 60 days of your application date. This includes such items as Contractor selection and an estimate of your projects cost. You will also need to complete your SunWatts project installation and have your system ready for inspection within six months of your application date. If you lose your position in the reservation list you will have the option to reapply for funding with the requirements and restrictions of the Trico REST Plan then in effect.

If you have any questions or concerns, please contact Trico's Sunwatts Desk at 520-744-2944 ext. 1524 or via email at sunwatts@trico.coop.

Sincerely,

Karen J. Cathers

The & athen





October 29th, 2009

George & Barbara Geschwinder 201 N. Suntran Drive Vail, AZ 85641

Re: Trico's SunWatts Program

Dear George & Barbara Geschwinder,

Trico Electric Cooperative, Inc.'s ("Trico") has had a very successful year for its SunWatts Rebate Program ("Rebate Program"), receiving an unprecedented number of applications. Although we are pleased that the Rebate Program has gained popularity, we regretfully provide this notice that the funds allocated for the Rebate Program are temporarily exhausted.

Funding for the Rebate Program comes from the Renewable Energy Standard Tariff (REST), a surcharge placed on all members' bills. Trico pays SunWatts rebates as long as surcharge funds remain available. Due to a current shortage of SunWatts funds you may have a delay in receiving your rebate once the system is inspected. Pending approval from the Arizona Corporation Commission, Trico hopes to increase REST Surcharge collection in the near future.

Trico plans to provide funding first to those systems that have already received inspection. For applications received to date but not yet inspected, Trico has implemented a reservation process in which all applications have been placed in a queue for funding once inspection occurs based on the date of the application. Applicants must complete their inspection within six months of the application date to maintain your reservation.

If you have any questions or concerns, please contact Trico's SunWatts Desk at 520-744-2944, ext. 1524 or via email at sunwatts@trico.coop.

Sincerely,

Karen J. Cathers

76) deh





December 14, 2009

George & Barbara Geschwinder 201 N. Suntran Drive Vail, AZ 85641

RE: Trico Sunwatts Program Application #73

Dear George & Barbara Geshwinder:

Trico Electric Cooperative, Inc.'s (Trico) has received and confirmed your SunWatts renewable generation program rebate application dated October 16, 2009.

The Trico SunWatts program participation has grown tremendously, particularly in the second half of 2009. This growth has resulted in a depletion of available Renewable Energy Standard & Tariff (REST) surcharge funds available for rebates. To meet the increase in rebate requests, Trico has submitted its 2010 REST Plan to the Arizona Corporation Commission, which includes an increase to the surcharge and a decrease in the rebate amount provided to each system. This revised plan will help Trico to adequately fund the SunWatts rebate program and provide rebate funds to more members wanting to participate. All applications (including yours) received prior to the effective date of the 2010 REST Plan will continue to receive funding at the levels of the current 2009 REST Plan.

To allocate the rebate funds on a first come basis, Trico has implemented a rebate reservation waiting list. Trico has placed your rebate request on the reservation waiting list based your application date. Your rebate is currently number 73 on the list. Trico estimates that it will not have funding available for your rebate until the late 2010 to early 2011 timeframe.

In order to maintain your position on the reservation waiting list you will need to provide Trico proof of advancement, within 60 days of your application date. This includes such items as Contractor selection and an estimate of your projects cost. You will also need to complete your SunWatts project installation and have your system ready for inspection within six months of your application date. If you lose your position in the reservation list you will have the option to reapply for funding with the requirements and restrictions of the Trico REST Plan then in effect.

If you have any questions or concerns, please contact Trico's Sunwatts Desk at 520-744-2944 ext. 1524 or via email at <u>sunwatts@trico.coop</u>.

Sincerely,

72). Cthers





December 14, 2009

James & Janet Fabio 37987 S. Desert Highland Drive Tucson, AZ 85739

RE: Trico SunWatts Program Application # 32

Dear James & Janet Fabio:

Trico Electric Cooperative, Inc.'s (Trico) has received and confirmed your SunWatts renewable generation program rebate application dated July 3, 2009.

The Trico SunWatts program participation has grown tremendously, particularly in the second half of 2009. This growth has resulted in a depletion of available Renewable Energy Standard & Tariff (REST) surcharge funds available for rebates. To meet the increase in rebate requests, Trico has submitted its 2010 REST Plan to the Arizona Corporation Commission, which includes an increase to the surcharge and a decrease in the rebate amount provided to each system. This revised plan will help Trico to adequately fund the SunWatts rebate program and provide rebate funds to more members wanting to participate. All applications (including yours) received prior to the effective date of the 2010 REST Plan will continue to receive funding at the levels of the current 2009 REST Plan.

To allocate the rebate funds on a first come basis, Trico has implemented a rebate reservation waiting list. Trico has placed your rebate request on the reservation waiting list based your application date. Your rebate is currently number 32 on the list. Trico estimates that it will have funding available to provide the rebate for your project in the May 2010 timeframe.

In order to maintain your position in the reservation waiting list you will need to complete your SunWatts project installation and have your system ready for inspection within six months of the funding being reserved for your system.

If you have any questions or concerns, please contact Trico's Sunwatts Desk at 520-744-2944 ext. 1524 or via email at sunwatts@trico.coop.

Sincerely,

Them J. Cothus.

Exhibit

"7"



September 14, 2009

Mr. Bruce Willey Salt River Solar & Wind, LLC 13370 W. Fox Fire Drive, No. 104 Surprise, Arizona 85374

Re: Trico's SunWatts Program

Dear Mr. Willey:

This letter is to inform you that Trico Electric Cooperative, Inc. (Trico) has exhausted the funds for the 2009 SunWatts Rebate Program ("Rebate Program"). Therefore, effective immediately, Trico must temporarily suspend its Rebate Program until additional monies become available.

Funding for the Rebate Program comes from the Renewable Energy Standard Tariff (REST), a surcharge placed on all members' bills. SunWatts rebates are paid as long as there are surcharge funds available. Pending approval from the Arizona Corporation Commission, Trico hopes to increase REST Surcharge collection in the future.

If you have any questions or concerns, please contact Trico's SunWatts Desk at 520-744-2944, ext. 1524 or via email at sunwatts@trico.coop.

Sincerely,

Charlie N. Emerson

Manager of Technical Services

Exhibit

"8"





September 22, 2009

Salt River Solar & Wind 13370 W. Foxfire Dr. #104 Surprise, AZ 85374

Re: Trico's SunWatts Program

Dear Salt River Solar & Wind,

Trico Electric Cooperative, Inc.'s ("Trico") has had a very successful year for its SunWatts Rebate Program ("Rebate Program"), receiving an unprecedented number of applications. Although we are pleased that the Rebate Program has gained popularity, we regretfully provide this notice that the funds allocated for the Rebate Program are temporarily exhausted.

Funding for the Rebate Program comes from the Renewable Energy Standard Tariff (REST), a surcharge placed on all members' bills. Trico pays SunWatts rebates as long as surcharge funds remain available. Due to a current shortage of SunWatts funds you may have a delay in receiving your rebate once the system is inspected. Pending approval from the Arizona Corporation Commission, Trico hopes to increase REST Surcharge collection in the near future.

Trico plans to provide funding first to those systems that have already received inspection. For applications received to date but not yet inspected, Trico has implemented a reservation process in which all applications have been placed in a queue for funding once inspection occurs based on the date of the application. Applicants must complete their inspection within six months of the application date to maintain your reservation.

If you have any questions or concerns, please contact Trico's SunWatts Desk at 520-744-2944, ext. 1524 or via email at sunwatts@trico.coop.

Sincerely,

Karen J. Cathers

The J. Cethur